

Scope	Title	BRLN	WERD	TREB	Standard	Version	Standard title	Cat. (Flex)
1 Untersuchung von Prozesswässern und Abwasser / Analyses of process water and waste water (PL-14564-01-02, FB 4.2)								
1.1	Probenahme und Probenvorbereitung <i>Sampling and sample preparation</i>	x			DIN 38402 (A11)	2009-02	Probenahme von Abwasser <i>Sampling of waste water</i>	A
1.1	Probenahme und Probenvorbereitung <i>Sampling and sample preparation</i>	x			DIN 38402 (A30)	1998-07	Vorbehandlung, Homogenisierung und Teilung heterogener Wasserproben <i>Pretreatment, homogenization and aliquotation of nonhomogeneous water samples</i>	A
1.2	Physikalische und physikalisch-chemische Kenngrößen <i>Physical and physico-chemical parameters</i>	x	x	x	DIN EN ISO 10523 (C5)	2012-04	Bestimmung des pH-Werts <i>Determination of pH value</i>	A
1.2	Physikalische und physikalisch-chemische Kenngrößen <i>Physical and physico-chemical parameters</i>	x	x	x	DIN EN 27888 (C8)	1993-11	Bestimmung der elektrischen Leitfähigkeit <i>Determination of electrical conductivity</i>	A
1.3	Anionen <i>Anions</i>	x			DIN EN ISO 10304-1 (D20)	2009-07	Bestimmung von gelösten Anionen mittels Flüssigkeits-Ionenchromatographie Teil 1: Bestimmung von Bromid, Chlorid, Fluorid, Nitrat, Nitrit, Phosphat und Sulfat <i>Determination of dissolved anions by liquid chromatography of ions</i> Part 1: <i>Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulfate</i>	A
1.3	Anionen <i>Anions</i>	x		x	DIN 38405-24 (D24)	1987-05	Photometrische Bestimmung von Chrom(VI) mittels 1,5-Diphenylcarbazid <i>Photometric determination of chromium(VI) using 1,5-diphenylcarbonohydrazide</i>	A
1.3	Anionen <i>Anions</i>	x			DIN 38405-27 (D27)	2017-10	Bestimmung von Sulfid durch Gasextraktion (Einschränkung: nur das Verfahren DIN 38405 - D 27-1 Bestimmung von leicht freisetzbarem Sulfid) <i>Determination of sulfide by gas extraction method (Deviation: here only the procedure DIN 38405- D 27-1 (Determination of easily liberatable sulfide)</i>	A
1.3	Anionen <i>Anions</i>	x	x	x	HACH LCK 315	2020-01	Cyanid Küvetten-Test, 0,01-0,6 mg/L CN <i>Cyanide cuvette test, 0.01-0.6 mg/L CN</i>	A
1.3	Anionen <i>Anions</i>		x	x	HACH LCK 313	2019-10	Chrom (III und VI) Küvetten-Test, 0,03-1,0 mg/L Cr <i>Chromium (III and VI) cuvette test, 0.03-1.0 mg/L Cr</i>	A
1.3	Anionen <i>Anions</i>		x		HACH LCK 353	2019-10	Sulfat Küvetten-Test, 150-900 mg/L SO ₄ <i>Sulfate cuvette test, 150-900 mg/L SO₄</i>	A
1.3	Anionen <i>Anions</i>	x	x		HACH LCK 350	2021-12	Phosphat (ortho/gesamt) Küvetten-Test, 2,0-20,0 mg/L PO ₄ -P <i>Phosphate (ortho/total) cuvette test, 2.0-20.0 mg/L PO₄-P</i>	A
1.4	Kationen <i>Cations</i>	x	x	x	DIN EN ISO 11885 (E22)	2009-09	Bestimmung von ausgewählten Elementen durch induktiv gekoppelte Plasma-Atom-Emissionsspektrometrie (ICP-OES) <i>Determination of 33 elements by inductively coupled plasma atomic emission spectroscopy (ICP-OES)</i>	A
1.4	Kationen <i>Cations</i>	x			DIN EN ISO 17294-2 (E29)	2024-03	Anwendung der induktiv gekoppelten Plasma-Massenspektrometrie (ICP-MS) Teil 2: Bestimmung von ausgewählten Elementen einschließlich Uran-Isotope <i>Application of inductively coupled plasma mass spectrometry (ICP-MS)</i> Part 2: <i>Determination of selected elements including uranium isotopes</i>	A
1.4	Kationen <i>Cations</i>	x	x	x	HACH LCK 303	2019-10	Ammonium Küvetten-Test, 2,0-47,0 mg/L NH ₄ -N <i>Ammonium cuvette test, 2.0-47.0 mg/L NH₄-N</i>	A
1.4	Kationen <i>Cations</i>	x	x	x	HACH LCK 305	2019-10	Ammonium Küvetten-Test, 1,0-12,0 mg/L NH ₄ -N <i>Ammonium cuvette test, 1.0-12.0 mg/L NH₄-N</i>	A
1.5	Summenparameter <i>Sum parameters</i>	x	x	x	DIN EN 1484 (H3)	2019-04	Anleitungen zur Bestimmung des gesamten organischen Kohlenstoffs (TOC) und des gelösten organischen Kohlenstoffs (DOC) (Einschränkung: nur partikelfreie Proben DOC) <i>Guidelines for the determination of total organic carbon (TOC) and dissolved organic carbon (DOC)</i> (Deviation: <i>only particle-free sample (DOC)</i>)	A
1.5	Summenparameter <i>Sum parameters</i>	x	x		HACH LCI 400	2019-10	CSB Küvetten-Test 0-1000 mg/L O ₂ <i>COD cuvette test 0-1000 mg/L O₂</i>	A
1.5	Summenparameter <i>Sum parameters</i>	x	x		HACH LCI 500	2019-10	CSB Küvetten-Test 0-1000 mg/L O ₂ <i>COD cuvette test 0-1000 mg/L O₂</i>	A
1.5	Summenparameter <i>Sum parameters</i>		x		HACH LCK 514	2019-10	CSB Küvetten-Test 100-2000 mg/L O ₂ <i>COD cuvette test 100-2000 mg/L O₂</i>	A
1.5	Summenparameter <i>Sum parameters</i>		x		HACH LCK 314	2019-10	CSB Küvetten-Test 15-150 mg/L O ₂ <i>COD cuvette test 15-150 mg/L O₂</i>	A
1.5	Summenparameter <i>Sum parameters</i>		x	x	HACH LCK 410	2020-03	Freies Chlor Küvetten-Test, 0,05-2,0 mg/L Cl ₂ <i>Free chlorine cuvette test, 0.05-2.0 mg/L Cl₂</i>	A
1.5	Summenparameter <i>Sum parameters</i>	x			DIN EN 17892	2024-08	Bestimmung ausgewählter Per- und Polyfluoralkylsubstanzen in Trinkwasser – Verfahren mittels Flüssigkeitschromatographie/Tandem-Massenspektrometrie (LC-MS/MS) <i>Determination of selected per- and polyfluoroalkyl substances in drinking water –</i> <i>Method using liquid chromatography/tandem-mass spectrometry (LC-MS/MS)</i>	A
1.5	Summenparameter <i>Sum parameters</i>	x			DIN 38407 (F42)	2011-03	Bestimmung ausgewählter perfluorierter Verbindungen (PFC) in Wasser - Verfahren mittels Flüssigkeitschromatographie und massenspektrometrischer Detektion (HPLC(MS-MS) nach Fest-Flüssig-Extraktion <i>Determination of selected polyfluorinated compounds (PFC) in water - Method using liquid chromatography and mass spectrometric detection</i> (HPLC/MS-MS) after solid-liquid extraction	A

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1 Metallische Schichten und Überzüge / Metallic layers and Coatings (PL-14564-01-01, FB 4.1)								
1	Metallische Schichten und Überzüge <i>Analyses of industrial chemicals Metallic layers and Coatings</i>	x		x	DIN EN ISO 3613	2021-08	Metallische und andere anorganische Überzüge - Chromatierüberzüge auf Zink, Cadmium, Aluminium-Zink- und Zink-Aluminium-Legierungen - Prüfverfahren <i>Metallic and other inorganic coatings- Chromate conversion coatings on zinc, cadmium, aluminum-zinc alloys and zinc-aluminum alloys -Test methods</i>	A
1	Metallische Schichten und Überzüge <i>Analyses of industrial chemicals Metallic layers and Coatings</i>	x			DIN EN 1811	2023-04	Referenzprüfverfahren zur Bestimmung der Nickellässigkeit von sämtlichen Stäben, die in durchstochene Körperteile eingeführt werden und Erzeugnissen, die unmittelbar und länger mit der Haut in Berührung kommen <i>Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin</i>	A
1	Metallische Schichten und Überzüge <i>Analyses of industrial chemicals Metallic layers and Coatings</i>	x		x	DIN EN 62321-7-1 VDE 0042-1-7-1	2016-09	Verfahren zur Bestimmung von bestimmten Substanzen in Produkten der Elektrotechnik - Teil 7-1: Bestimmung des Vorliegens von sechswertigem Chrom (Cr(VI)) in farblosen und farbigen Korrosionsschutzüberzügen auf Metallen durch das kolorimetrische Verfahren <i>Determination of certain substances in electrotechnical products- Part 7-1: Determination of the presence of hexavalent chromium (Cr(VI)) in colorless and colored corrosion-protected coatings on metals by the colorimetric method</i>	A
2 Untersuchung von Industriechemikalien / Analyses of industrial chemicals (PL-14564-01-01, FB 4.1)								
2.1	Titrimetrische Bestimmung von Elementen und Anionen in Salzlösungen, Metalllösungen und Galvanikbädern <i>Titrimetric determination of elements and anions in salt solutions, metal solutions and electroplating baths</i>	x	x	x			Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.2	Bestimmung von organischen Inhaltsstoffen in Salzlösungen, Metalllösungen und Galvanikbädern mittels Gaschromatographie mit konventionellem Detektor (FID) <i>Determination of organic substances in salt solutions, metal solutions and electroplating baths using gas chromatography with standard detector (FID)</i>	x	x				Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.3	Ionenchromatographische Bestimmung von organischen und anorganischen Inhaltsstoffen in Salzlösungen, Metalllösungen und Galvanikbädern <i>Determination of organic and anorganic substances in salt solutions, metal solutions and electroplating baths using ion chromatography</i>	x	x	x			Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.4.1	Bestimmung von organischen Inhaltsstoffen in Salzlösungen, Metalllösungen und Galvanikbädern mittels Flüssigchromatographie mit konventionellen Detektoren (UV, CA, RI, ELS) <i>Determination of organic substances insalt solutions, metal solutions and electroplating baths using liquid chromatography with standard detectors (UV, CA, RI, ELS)</i>	x	x	x			Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.4.2	Organischen Inhaltsstoffe mittels LC (UV, CA, RI, ELS) <i>Organic substances using LC (UV, CA, RI, ELS)</i>	x			EPA 8315A (SW-846)	1996-12	Determination of Carbonyl Compounds by High Performance Liquid Chromatography (HPLC) (Einschränkung: nur für Formaldehyd und Derivatisierung nach 7.3.1 oder 7.3.4) <i>Determination of Carbonyl Compounds by High Performance Liquid Chromatography (HPLC) (Deviation: only for formaldehyde and derivatization according 7.3.1 or 7.3.4)</i>	A
2.5	Bestimmung von Elementen und Anionen in Salzlösungen, Metalllösungen, Galvanikbädern und Wässern mittels Photometrie <i>Determination of elements and anions in salt solutions, metal solutions, electroplating baths and waters using photometry</i>	x	x	x			Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.6	Bestimmung von Elementen in Salzlösungen, Metalllösungen, Galvanikbädern und Wässern mittels Atomabsorptionsspektrometrie (AAS) <i>Determination of elements in salt solutions, metal solutions, electroplating baths and waters using atomic absorption spectrometry (AAS)</i>	x	x	x			Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.7	Bestimmung von Elementen in Salzlösungen, Metalllösungen, Galvanikbädern und Wässern mittels Atomemissionsspektrometrie mit induktiv gekoppeltem Plasma (ICP-OES) <i>Determination of elements in salt solutions, metal solutions, electroplating baths and waters using inductive coupled plasma atomic emission spectrometry (ICP-OES)</i>	x	x	x			Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.8	Bestimmung von Elementen in Salzlösungen, Metalllösungen, Galvanikbädern und Reinstwässern mittels Massenspektrometrie mit induktiv gekoppelten Plasma (ICP-MS) <i>Determination of elements in salt solutions, metal solutions, electroplating baths and ultrapure water using inductive coupled plasma mass spectrometry (ICP-MS)</i>	x					Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.9	Elektrochemische Verfahren zur Bestimmung von Elementen und organischen Inhaltsstoffen in Salzlösungen, Metalllösungen und Galvanikbädern <i>Determination of elements and organic substances in salt solutions, metal solutions and electroplating baths using electro-chemical analysis</i>	x	x				Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C
2.10	Physikalische und physikalisch-chemische Untersuchung von Rohstoffen, Salzlösungen, Metalllösungen und Galvanikbädern <i>Physical and physico-chemical analyses of raw materials, salt solutions, metal solutions and electroplating baths</i>	x	x	x			Eine ausführliche Liste der Methoden zur flexiblen Akkreditierung nach Kategorie II befindet sich in den nächsten beiden Reitern. <i>A detailed list of the methods for flexible accreditation acc. category II can be found in the next two tabs.</i>	C

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1 Untersuchungen von Schichten, Schichtsystemen und Werkstoffen (PL-14564-01-03, FB 2.3)								
1.1	Metallographische Prüfungen <i>Metallographical testings</i>	x			DIN EN ISO 1463	2021-08	Metall- und Oxidschichten - Schichtdickenmessung - Mikroskopisches Verfahren <i>Metallic and oxide coatings – Measurement of coating thickness – Microscopical method</i>	A
1.1	Metallographische Prüfungen <i>Metallographical testings</i>	x			DIN EN ISO 9220	2022-05	Metallische Überzüge - Messen der Schichtdicke - Verfahren mit Rasterelektronenmikroskop <i>Metallic coatings – Measurement of coating thickness – Scanning electron microscope method</i>	A
1.2	Schichtdickenbestimmungen mit zerstörungsfreien Verfahren <i>Layer thickness determination using non-destructive testings</i>	x			DIN EN ISO 3497	2001-12	Metallische Schichten - Schichtdickenmessung - Röntgenfluoreszenz-Verfahren <i>Metallic coatings – Measurement of coating thickness – X-ray spectrometric methods</i>	A
1.3	Chemisch - physikalische Prüfungen zur Schichtdickenmessung an vernickelten Bauteilen mittels STEP-Test und an verchromten Bauteilen zur quantitativen Erfassung von Mikrorissen oder Mikroporen	x			DIN EN ISO 16866	2023-01	Metallische und andere anorg. Überzüge - Schichtpotentialmessung von galv. Mehrfach-Nickelschichtsystemen (STEP-Test) <i>Metallic and other anorganic coatings - Layer potential measurement of galv. multiple nickel coating systems (STEP test)</i>	A
1.3	Chemisch - physikalische Prüfungen zur Schichtdickenmessung an vernickelten Bauteilen mittels STEP-Test und an verchromten Bauteilen zur quantitativen Erfassung von Mikrorissen oder Mikroporen	x			ASTM B 764	2004-04	Standardprüfverfahren zur gleichzeitigen Bestimmung der Dicke und des Elektrodenpotentials einzelner Schichten in mehrlagigen Nickelabscheidungen (STEP-Test) <i>Standard Test Method for Simultaneous Thickness and Electrode Potential Determination of Individual Layers in Multilayer Nickel Deposit (STEP Test)</i>	A
1.3	Chemisch - physikalische Prüfungen zur Schichtdickenmessung an vernickelten Bauteilen mittels STEP-Test und an verchromten Bauteilen zur quantitativen Erfassung von Mikrorissen oder Mikroporen	x			DIN 53100	2020-04	Metallische Überzüge –Galvanische Nickel-Chrom- und Kupfer-Nickel-Chrom-Überzüge auf Kunststoffen <i>Metallic coatings -Galvanic nickel-chromium and copper-nickel-chromium coatings on plastics</i>	A
1.3	Chemisch - physikalische Prüfungen zur Schichtdickenmessung an vernickelten Bauteilen mittels STEP-Test und an verchromten Bauteilen zur quantitativen Erfassung von Mikrorissen oder Mikroporen	x			ASTM B 604	1991	Norm für dekorative elektrolytische Beschichtungen aus Kupfer plus Nickel plus Chrom auf Kunststoffen <i>Standard Specification for Decorative Electroplated Coatings of Copper Plus Nickel Plus Chromium on Plastics</i>	A
1.4	Korrosionsuntersuchungen							
1.4.1	Konstantklima Salzsprühnebelprüfungen an Schrauben, Verbindungselementen, Blechen, Bauteilen und dekorativ beschichteten Teilen zur Bestimmung qualitativer Aussagen	x		x	DIN EN ISO 9227	2024-10	Korrosionsprüfungen in künstlichen Atmosphären – Salzsprühnebelprüfungen <i>Corrosion tests in artificial atmospheres - Salt spray tests</i>	A
1.4.1	Konstantklima Salzsprühnebelprüfungen an Schrauben, Verbindungselementen, Blechen, Bauteilen und dekorativ beschichteten Teilen zur Bestimmung qualitativer Aussagen	x		x	ISO 9227/Amd.1	2022-11/ 2024-06	Korrosionsprüfungen in künstlichen Atmosphären – Salzsprühnebelprüfungen <i>Corrosion tests in artificial atmospheres - Salt spray tests</i>	B
1.4.1	Konstantklima Salzsprühnebelprüfungen an Schrauben, Verbindungselementen, Blechen, Bauteilen und dekorativ beschichteten Teilen zur Bestimmung qualitativer Aussagen	x			ASTM B 368	2021	Standardprüfverfahren für die Prüfung mit kupferbeschleunigtem Essigsäuresalzsprühnebel (CASS-Test) <i>Standard Test Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test)</i>	A
1.4.1	Konstantklima Salzsprühnebelprüfungen an Schrauben, Verbindungselementen, Blechen, Bauteilen und dekorativ beschichteten Teilen zur Bestimmung qualitativer Aussagen	x			ASTM B 117	2019	Standardverfahren für den Betrieb von Salzsprühgeräten (Nebelgeräten) <i>Standard Practice for Operating Salt Spray (Fog) Apparatus</i>	A
1.4.2	Kondenswasserklimatest an Schrauben, Verbindungselementen, Blechen, Bauteilen und dekorativ beschichteten Teilen zur Bestimmung qualitativer Aussagen	x		x	DIN EN ISO 6270-2	2018-04	Beschichtungsstoffe – Bestimmung der Beständigkeit gegen Feuchtigkeit – Teil 2: Kondensation <i>Paints and varnishes - Determination of resistance to moisture - Part 2: Condensation</i>	A
1.4.3	Kesternichtest an Schrauben, Verbindungselementen, Blechen, Bauteilen und dekorativ beschichteten Teilen zur Bestimmung qualitativer Aussagen			x	DIN EN ISO 22479	2022-08	Korrosion von Metallen und Legierungen - Prüfung mit Schwefeldioxid in feuchter Atmosphäre (fixed gas method) <i>Corrosion of metals and alloys — Sulfur dioxide test in a humid atmosphere (fixed gas method)</i>	A
1.5	Mechanisch-technologische Prüfungen							
1.5.1	Bestimmung der Abschälfestigkeit mittels Zugversuch an verkupferten oder dekorativ beschichteten Bauteilen	x			ASTM B 533	1985	Standardprüfverfahren für die Schälfestigkeit von metallischen galvanisierten Kunststoffen <i>Standard Test Method for Peel Strength of Metal Electroplated Plastics</i>	A
1.5.2	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	DIN EN ISO 16047	2013-01	Verbindungselemente – Drehmoment/Vorspannkraft-Versuch <i>Fasteners - Torque/clamp force testing</i>	A
1.5.2	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	ISO 16047/Amd.1	2005-02/ 2012-09	Fasteners - Torque/clamp force testing	B
1.5.3	Geometrische Messungen			x	DIN EN ISO 21920-3	2022-12	Geometrische Produktspezifikation (GPS) - Oberflächenbeschaffenheit: Profile - Teil 3: Spezifikationsoperatoren <i>Geometrical product specification (GPS) - Surface finish: Profiles - Part 3: Specification operators</i>	A
1.5.3	Geometrische Messungen			x	DIN EN ISO 4287	2010-07	Geometrische Produktspezifikation (GPS) - Oberflächenbeschaffenheit: Profile - Teil 3: Spezifikationsoperatoren <i>Geometrical product specification (GPS) - Surface finish: Profiles - Part 3: Specification operators</i>	A
3 Prüfungen gemäß Herstellervorschriften (PL-14564-01-03, FB 2.3)								
3.1	Mikroporendichte	x			VW PV 1063	2018-11	Verchromte Oberflächen - Bestimmung der Mikroporendichte <i>Chromed surfaces - determination of micropore density</i>	
3.2	Klima-Wechsel-Test	x		x	VW PV 1200	2022-11	Fahrzeugteile, Prüfung der Klimawechselfestigkeit (+80/-40) °C <i>Vehicle parts, climate change resistance test (+80/-40) °C</i>	
3.3	Zyklischer Korrosionstest	x		x	Volvo STD 423-0014	2015-01	Beschleunigte Korrosionsprüfung - Atmosphärische Korrosion <i>Accelerated corrosion test - Atmospheric corrosion</i>	
3.3	Zyklischer Korrosionstest	x		x	Volvo VCS 1027, 1449	2014-02	Beschleunigter Korrosionstest, Version II - ACT II <i>Accelerated corrosion test, version II – ACT II</i>	
3.3	Zyklischer Korrosionstest			x	Ford CETP 00.00-L-467	2019-01	Globaler beschleunigter zyklischer Korrosionstest im Labor <i>Global Laboratory Accelerated Cyclic Corrosion Test</i>	
3.3	Zyklischer Korrosionstest			x	GMW 14872	2022-11	Zyklischer Korrosionstest im Labor <i>Cyclic Corrosion Laboratory Test</i>	
3.3	Zyklischer Korrosionstest	x		x	VW-Audi PV 1210	2016-02	Karosserie und Anbauteile, Korrosionsprüfung <i>Body and add-on parts, corrosion testing</i>	
3.3	Zyklischer Korrosionstest	x		x	VW-Audi PV 1209	2023-01	Anbauteile mit einer Zink- oder Zinklegierungsbeschichtung und Aluminiumanbauteile Korrosionsprüfung (Klima-Korrosionswechsel-Test) <i>Attachment parts with a zinc or zinc alloy coating and aluminum attachment parts Corrosion test (climate corrosion change test)</i>	

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3.3	Zyklischer Korrosionstest			x	Renault D17 2028-C	2007-10	Korrosionsprüfung durch automatischen Wechsel der BS-Phasen feucht und trocken <i>Corrosion test by automatic change of BS wet and dry Phases</i> <i>ESSAI DE CORROSION PAR CHANGEMENT AUTOMATIQUE DES PHASES BS HUMIDITE ET SECHAGE</i>	
3.4	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	GMW 3044	2017-10	Verzinkung <i>Zinc-Plating</i>	
3.4	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	GMW 3359	2020-03	Nicht-elektrolytisch aufgetragene zinkhaltige Beschichtung <i>Non-Electrolytically Applied Zinc-Rich Coating</i>	
3.4	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	GMW 4700	2014-02	Zinklegierungsbeschichtung <i>Zinc Alloy Plating</i>	
3.4	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	GMW 16730	2017-11	Kosmetische Beschichtung, schwarz, auf Zink-Nickel-Basis <i>Cosmetic Coating, Black Zinc-Nickel Based</i>	
3.4	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	Renault 01-50-005 -H	2017-03	Prüfung des Reibungskoeffizienten von Verbindungselementen <i>Fasteners coefficient of friction test</i>	
3.4	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	VW 01131	2024-08	Ermittlung von Reibungszahlen - Praxis- und montageorientierte Prüfung <i>Determination of friction coefficients - practice and assembly-oriented testing</i>	
3.4	Drehmoment/Vorspannkraft-Versuch an blanken, verzinkten oder vernickelten Schrauben oder Muttern zur Bestimmung der Anzieheigenschaften			x	MBN 50544	2024-05	Prüfung des Drehmoment/Vorspannkraft-Verhaltens <i>Testing the torque/preload behavior</i>	
2 Physikalische Untersuchungen von wässrigen und organischen Lacksystemen / Physical investigations of aqueous and organic paint systems (PL-14564-01-03, FB 2.3)								
2	Physikalische Untersuchungen von wässrigen und organischen Lacksystemen <i>Physical investigations of aqueous and organic paint systems</i>			x	DIN EN ISO 13736	2022-12	Bestimmung des Flammpunktes - Verfahren mit geschlossenem Tiegel nach Abel <i>Determination of flash point - Abel closed-cup method</i>	A
2	Physikalische Untersuchungen von wässrigen und organischen Lacksystemen <i>Physical investigations of aqueous and organic paint systems</i>			x	DIN EN ISO 3251	2019-09	Beschichtungsstoffe und Kunststoffe - Bestimmung des Gehaltes an nichtflüchtigen Anteilen <i>Paints, varnishes and plastics - Determination of non-volatile-matter content</i>	A
2	Physikalische Untersuchungen von wässrigen und organischen Lacksystemen <i>Physical investigations of aqueous and organic paint systems</i>			x	DIN EN ISO 2431	2020-02	Beschichtungsstoffe - Bestimmung der Auslaufzeit mit Auslaufbechern <i>Paints and varnishes- Determination of flow time by use of flow cups (Deviation: only Cup3 and also <30s and >100s)</i>	A
2	Physikalische Untersuchungen von wässrigen und organischen Lacksystemen <i>Physical investigations of aqueous and organic paint systems</i>			x	DIN ISO 2811-1	2023-04	Beschichtungsstoffe - Bestimmung der Dichte - Teil 1: Pyknometer-Verfahren <i>Paints and varnishes- Determination of density - Part 1: Pycnometer method</i>	A
2	Physikalische Untersuchungen von wässrigen und organischen Lacksystemen <i>Physical investigations of aqueous and organic paint systems</i>			x	DIN EN ISO 2409	2020-12	Beschichtungsstoffe - Gitterschnittprüfung <i>Paints and varnishes- Cross-cutttest</i>	A

Status: 14.03.2025

Methods for process analysis according to flexible accreditation category C.

Status: 14.03.2025

Test area	AV-No.	Version	Titel External (analyte, matrix, method)	Date	BRLN	WERD	TREB
2.1	A0000001	2	Cyanide (free) in Silver Baths by Titration	01.11.2010	y	y	n
2.1	A0000019	5	pH-Correction Solution CC or (CH) [NaOH] in etches by Titration	12.04.2022	y	y	n
2.1	A0000024	6	Sulfuric Acid 50% in etches or cleaners by titration	21.12.2010	y	y	n
2.1	A0000025	2	Sulfuric Acid 50% in cleaner by titration	04.11.2011	y	y	n
2.1	A0000026	4	Sulfuric Acid in copper electrolyte by acid-base titration	08.03.2011	y	y	n
2.1	A0000028	7	Sulfuric acid in copper electrolyte by acid-base titration	25.03.2024/ty	y	y	n
2.1	A0000034	3	pH-Correction Solution CC or (CH) [NaOH] in cleaners by Titration	17.06.2022	y	y	n
2.5	A0000044	4	Permanganate in promotors by photometry	04.11.2011	y	y	n
2.5	A0000047	4	Permanganate and Manganate in etches by photometry	04.11.2011	y	y	n
2.1	A0000060	8	Chloride in copper electrolytes by precipitation titration	09.09.2021	y	y	n
2.7	A0000064	3	Cu in gold electrolytes by ICP-OES	01.12.2010	y	y	n
2.5	A0000066	2	Oxidant in acidic copper electrolytes by photometry	11.11.2024;	y	y	n
2.1	A0000067	4	Copper in galvanic electrolytes by complexometric titration	21.12.2010	y	y	n
2.1	A0000068	7	Copper in copper electrolytes by complexometric titration	12.12.2024;	y	y	n
2.1	A0000070	2	Copper in etches by complexometric titration	19.10.2010	y	y	n
2.1	A0000071	2	Copper in copper electrolytes by complexometric titration	15.06.2011	y	y	n
2.1	A0000072	2	Copper in etches by complexometric titration	16.06.2011	y	y	n
2.1	A0000079	4	Nickel in galvanic electrolytes by complexometric titration	13.04.2010	y	y	n
2.1	A0000080	5	Nickel in gold electrolytes by complexometric titration	08.05.2012	y	y	n
2.1	A0000081	6	Orthophosphite in nickel electrolytes by Redox-Titration	23.03.2011	y	y	n
2.1	A0000082	10	Sodium Hypophosphite in nickel electrolyte by Redox-Titration	09.10.2024	y	y	n
2.4	A0000095	4	STH Additive in tin electrolytes by LC-UV	10.09.2021	y	y	n
2.1	A0000102	3	Free Acid in tin electrolytes by Titration	19.09.2012	y	y	n
2.1	A0000103	3	Free Acid in tin electrolytes by Titration	15.04.2010	y	y	n
2.1	A0000104	7	Tin(II) in tin electrolytes or activators by Redox-Titration	10.09.2021	y	y	y
2.9	A0000129	6	Leveller in copper electrolytes by voltammetry	15.06.2011	y	y	n
2.9	A0000130	6	Brightener in copper electrolytes by voltammetry	14.12.2015	y	y	n
2.9	A0000131	9	Brightener in copper electrolytes by voltammetry	03.11.2021	y	y	n
2.6	A0000150	3	Copper in gold electrolytes by F-AAS	18.07.2024;	y	y	n
2.6	A0000151	4	Copper in activators by F-AAS	24.04.2019	y	y	n
2.6	A0000154	9	Palladium in activators by F-AAS	10.12.2024;	y	y	n
2.6	A0000156	7	Palladium in activators by F-AAS	18.07.2024;	y	y	n
2.6	A0000157	2	Silver in activators by F-AAS	18.03.2013	y	y	n
2.6	A0000160	2	Gold in gold electrolytes by F-AAS	13.04.2010	y	y	n
2.6	A0000161	6	Gold in gold electrolytes by F-AAS	30.05.2024;	y	y	n
2.6	A0000162	4	Nickel in gold electrolytes by F-AAS	30.05.2024;	y	y	n
2.6	A0000167	2	Iron (Fe) in chromium electrolytes by F-AAS	21.12.2023	y	y	n
2.6	A0000169	5	Palladium in Palladium electrolytes by F-AAS	28.10.2010	y	y	n
2.6	A0000170	8	Nickel in Zn-Ni electrolytes by F-AAS	10.01.2024;	y	y	y
2.6	A0000171	8	Zinc in Zn-Ni electrolytes by F-AAS	10.01.2024;	y	y	y
2.6	A0000172	11	Palladium in activators by F-AAS	01.02.2022	y	y	n
2.6	A0000175	2	Zinc in passivates by F-AAS	18.11.2010	y	y	y
2.6	A0000176	2	Iron (Fe) in passivations by F-AAS	18.11.2010	y	y	y
2.6	A0000180	2	Iron in zinc iron electrolytes by F-AAS	05.08.2010	y	y	n
2.6	A0000183	3	Tin in tin electrolytes by F-AAS	18.04.2012	y	y	n
2.6	A0000185	1	Copper in chromium electrolytes by F-AAS	08.11.2010	y	y	n
2.6	A0000186	1	Nickel in chromium electrolytes by F-AAS	08.11.2010	y	y	n
2.6	A0000187	1	Palladium in Palladium electrolytes by F-AAS	27.10.2010	y	y	n
2.6	A0000188	2	Nickel in palladium electrolytes by F-AAS	29.10.2021	y	y	n
2.6	A0000191	8	Tin in tin electrolytes by F-AAS	26.01.2024	y	y	n
2.6	A0000192	7	Copper in tin electrolytes by F-AAS	19.06.2018	y	y	n
2.6	A0000194	3	Palladium in activators by F-AAS	08.04.2020	y	y	n
2.6	A0000195	4	Palladium in Palladium electrolytes by F-AAS	18.07.2024;	y	y	n
2.6	A0000199	1	Palladium in activators by F-AAS	31.03.2010	y	y	n
2.6	A0000200	1	Starter Solution in copper electrolytes by F-AAS	27.06.2023	y	y	n
2.1	A0000208	3	Copper in galvanic electrolytes by complexometric titration	14.11.2012	y	y	n
2.5	A0000218	9	Nitrate in nickel processes by Photometry	15.06.2022	y	y	n
2.1	A0000225	4	Copper in copper electrolytes by Redox-Titration	23.08.2024;	y	y	n
2.5	A0000232	3	Palladium in Pd-electrolytes by photometry	18.07.2024;	y	y	n
2.5	A0000233	4	Palladium in activators by photometry	20.08.2013	y	y	n
2.9	A0000244	1	Brightener in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.9	A0000247	1	Brightener in copper electrolytes by voltammetry	13.04.2010	y	y	n

Test area	AV-No.	Version	Titel External (analyte, matrix, method)	Date	BRLN	WERD	TREB
2.1	A0000248	7	Sulfuric Acid in activators by Titration	13.11.2024;	y	y	n
2.5	A0000249	6	Palladium in activators by photometry	24.11.2021	y	y	n
2.1	A0000254	2	Nickel in gold electrolyte by complexometric Titration	09.10.2012	y	y	n
2.5	A0000258	2	Palladium in activators by photometry	18.03.2013	y	y	n
2.9	A0000259	4	Lead in nickel electrolytes by Polarography	13.06.2012	y	y	n
2.5	A0000261	4	Nitrite in Pd-electrolytes by Photometry	18.07.2024;	y	y	n
2.5	A0000264	7	Palladium in activators by photometry	01.02.2022	y	y	n
2.1	A0000281	8	Tin(II) in tin electrolytes by complexometric titration	07.11.2022	y	y	n
2.1	A0000282	5	Total Acid in tin electrolyte by Titration	19.09.2001	y	y	n
2.5	A0000283	4	Thiourea in tin electrolytes by Photometry	19.09.2001	y	y	n
2.1	A0000284	6	Total Acid in tin electrolyte by Titration	20.09.2011	y	y	n
2.5	A0000291	2	Basic solution in copper electrolytes by photometry	23.08.2024;	y	y	n
2.1	A0000306	4	Sodium hydroxide in copper electrolytes by titration	12.05.2020	y	y	n
2.1	A0000307	5	Cu-Reduction Solution in copper electrolytes by Titration	23.08.2024;	y	y	n
2.1	A0000308	4	Hydrochloric Acid in catalyst by Titration	26.01.2011	y	y	n
2.1	A0000310	4	pH-correction solution (NaOH) in copper electrolyte by TIT	18.02.2013	y	y	n
2.5	A0000322	7	Palladium in activators by photometry	01.02.2022	y	y	n
2.1	A0000343	5	Nickel in nickel electrolytes by complexometric titration	22.03.2011	y	y	n
2.1	A0000350	2	Chromium(VI) in chromium electrolytes or etches by Redox-Titration	30.03.2011	y	y	y
2.1	A0000352	7	Boric acid in nickel electrolytes by Titration	12.06.2024;	y	y	y
2.1	A0000353	4	Chloride in zinc electrolytes by precipitation titration	23.03.2011	y	y	y
2.1	A0000364	6	Nickel in nickel electrolytes by complexometric titration	28.02.2022	y	y	n
2.4	A0000379	2	Carrier and Brightener in tin electrolytes by LC-UV	13.04.2010	y	y	n
2.9	A0000383	5	Brightener in copper electrolytes by voltammetry	28.02.2022	y	y	n
2.4	A0000387	7	Additive and Brightener in zinc electrolytes by LC-UV	27.07.2010	y	y	y
2.9	A0000388	4	Brightener in copper electrolytes by voltammetry	15.04.2010	y	y	n
2.5	A0000389	10	Chromium(VI) in passivations by photometry	15.07.2024	y	y	y
2.1	A0000392	2	Tin(II) in Activators by Redox-Titration	23.08.2018	y	y	n
2.9	A0000393	2	Leveller in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.1	A0000398	9	Sodium hydroxide in Zn- or Zn/Ni-electrolyte by Titration	13.09.2019	y	y	y
2.1	A0000409	10	Boric Acid in chromium electrolyte by Titration	16.09.2024;	y	y	n
2.1	A0000410	4	Copper in copper electrolytes by complexometric titration	12.06.2015	y	y	n
2.1	A0000411	4	Sulfuric acid in copper electrolyte by acid-base titration	29.05.2024;	y	y	n
2.1	A0000412	4	Chloride in copper electrolytes by precipitation titration	17.03.2022	y	y	n
2.5	A0000422	6	Cuprad 210 A in copper electrolytes by photometry	12.05.2023	y	y	n
2.4	A0000423	6	Brightener in copper electrolytes by LC-UV	29.05.2024;	y	y	n
2.1	A0000430	3	Chromium(VI) in chromium electrolytes or etches by Redox-Titration	31.01.2024	y	y	n
2.1	A0000438	5	Free Acid in tin electrolytes by Titration	05.03.2024/	y	y	n
2.3	A0000447	8	Chloride, Sulfate, Nitrate, Phosphate and Catalyst C in chromium electrolytes by IC	18.03.2022	y	y	n
2.1	A0000449	4	Tin(II) in Activators by Redox-Titration	18.03.2022	y	y	n
2.1	A0000450	5	Hydrochloric Acid in activators by Titration	08.01.2020	y	y	n
2.1	A0000469	7	Tin(II) in tin electrolytes by Redox-Titration	14.08.2020	y	y	n
2.1	A0000478	4	Boric acid in nickel electrolytes by Titration	28.04.2022	y	y	y
2.1	A0000480	9	Chloride in nickel electrolytes by precipitation titration	16.01.2024;	y	y	n
2.4	A0000483	5	Nickel Carrier A-5 in nickel baths by HPLC	28.04.2022	y	y	n
2.4	A0000485	4	Satilume Plus P2 in nickel electrolytes by HPLC	28.04.2022	y	y	n
2.4	A0000488	3	Brightener in nickel electrolytes by LC-UV	28.04.2022	y	y	n
2.4	A0000490	2	Leveller in nickel electrolytes by LC-UV	13.04.2010	y	y	n
2.1	A0000495	4	Sulfuric Acid in etches by titration	20.06.2022	y	y	n
2.1	A0000505	1	Nickel in nickel electrolytes by complexometric titration	01.12.2010	y	y	n
2.3	A0000522	1	SF Special Acid and Nitric acid in silver electrolyte by IC	13.04.2010	y	y	n
2.1	A0000550	3	Copper in copper electrolytes by complexometric titration	13.04.2010	y	y	n
2.4	A0000551	3	Carrier in nickel electrolytes by LC-UV	31.03.2010	y	y	n
2.1	A0000564	2	Copper in gold electrolytes by complexometric titration	31.03.2010	y	y	n
2.9	A0000573	2	Brightener in copper electrolytes by voltammetry	13.04.2010	y	y	n
2.9	A0000590	1	Brightener in copper electrolytes by voltammetry	13.04.2010	y	y	n
2.1	A0000594	4	Nitric Acid in Stripper Solution by Titration	18.07.2024;	y	y	n
2.4	A0000661	7	Carrier and Brightener in nickel electrolytes by LC-UV	13.10.2023	y	y	n
2.3	A0000662	5	Fluoride, Chloride, Bromide, Nitrate, Sulphate and Phosphate in galvanic baths by IC	18.04.2024	y	y	n
2.4	A0000664	5	Carrier in zinc-nickel electrolytes by LC-UV	10.06.2024	y	y	y
2.9	A0000670	1	Brightener in copper electrolytes by voltammetry	13.04.2010	y	y	n
2.5	A0000676	2	Nitrite in palladium processes by photometry	25.06.2010	y	y	n
2.3	A0000682	2	Replenisher in palladium electrolytes using IC	31.03.2010	y	y	n

Test area	AV-No.	Version	Titel External (analyte, matrix, method)	Date	BRLN	WERD	TREB
2.6	A0000700	2	Palladium in Palladium electrolytes by F-AAS	20.12.2012	y	y	n
2.4	A0000728	1	Complexing Agents in nickel electrolytes by LC-UV	13.04.2010	y	y	n
2.1	A0000731	3	Copper in copper electrolytes by complexometric titration	09.12.2010	y	y	n
2.4	A0000740	3	Brightener in nickel electrolytes by LC-UV	31.03.2010	y	y	n
2.4	A0000749	4	Brightener in copper electrolytes by LC-UV	26.08.2022	y	y	n
2.1	A0000752	7	Copper in tin electrolytes by complexometric titration	03.12.2021	y	y	n
2.6	A0000769	4	Gold in gold electrolytes by F-AAS	26.08.2022	y	y	n
2.9	A0000787	10	Correction in copper electrolytes by voltammetry	13.11.2019	y	y	n
2.9	A0000789	3	Brightener in copper electrolytes by voltammetry	02.11.2011	y	y	n
2.9	A0000806	5	Brightener in copper electrolytes by voltammetry	14.01.2013	y	y	n
2.9	A0000807	11	Brightener in copper electrolytes by voltammetry	27.05.2022	y	y	n
2.9	A0000818	4	Brightener in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.9	A0000820	4	Brightener in copper electrolytes by voltammetry	09.09.2021	y	y	n
2.9	A0000822	7	Brightener in copper electrolytes by voltammetry	06.10.2023	y	y	n
2.9	A0000835	5	Leveller in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.9	A0000853	1	Brightener in copper electrolytes by voltammetry	13.04.2010	y	y	n
2.9	A0000860	2	Brightener in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.7	A0000882	3	Rhodium in galvanic electrolytes by ICP-OES	31.01.2022	y	y	n
2.9	A0000896	1	Brightener in copper electrolytes by voltammetry	13.04.2010	y	y	n
2.1	A0000897	1	Nickel in nickel electrolytes by complexometric titration	13.04.2010	y	y	n
2.9	A0000898	1	Correction in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.4	A0000900	2	Carrier in zinc-nickel electrolytes by LC-UV	13.04.2010	y	y	y
2.4	A0000901	1	Carrier in zinc-nickel electrolytes by LC-UV	13.04.2010	y	y	y
2.4	A0000902	1	Carrier in zinc-nickel electrolytes by LC-UV	13.04.2010	y	y	y
2.1	A0000919	4	Chloride in Bondfilm solutions by precipitation titration	02.04.2013	y	y	n
2.4	A0000925	3	Brightener in nickel electrolytes by LC-UV	08.06.2010	y	y	n
2.1	A0000927	2	Copper in copper electrolytes by complexometric titration	15.10.2020	y	y	n
2.10	A0000932	3	Determination of the pH value in galvanic electrolytes and raw materials	26.03.2024	y	y	y
2.10	A0000932	3	Determination of the pH value in galvanic electrolytes and raw materials	27.11.2020	y	y	y
2.10	A0000932	3	Determination of the pH value in galvanic electrolytes and raw materials	27.11.2020	y	y	y
2.10	A0000932	3	Determination of the pH value in galvanic electrolytes and raw materials	27.11.2020	y	y	y
2.10	A0000933	1	Density of Liquids by pulsed excitation method	05.07.2023	y	y	n
2.1	A0000936	1	Nickel in nickel electrolytes by complexometric titration	13.04.2010	y	y	n
2.9	A0000952	5	Correction in copper electrolytes by voltammetry	10.12.2013	y	y	n
2.3	A0000954	2	Stabilizer in gold electrolytes by IC	13.04.2010	y	y	n
2.3	A0000955	2	Stabilizer in gold electrolytes by IC	22.04.2013	y	y	n
2.4	A0000956	3	Complexing Agents in nickel electrolytes by LC-UV	22.03.2011	y	y	n
2.2	A0000958	2	Sweller concentrate in Sweller by GC-FID	04.09.2015	y	y	n
2.9	A0000961	4	Brightener in copper electrolytes by voltammetry	07.06.2010	y	y	n
2.1	A0000962	1	Boric acid in nickel electrolytes by Titration	13.04.2010	y	y	n
2.1	A0000976	1	Total acid in tin electrolytes by titration	31.03.2010	y	y	n
2.1	A0001025	2	Tin(II) in tin electrolytes by Redox-Titration	23.08.2018	y	y	n
2.9	A0001035	1	Brightener in copper electrolytes by voltammetry	22.04.2010	y	y	n
2.4	A0001048	1	Carrier in zinc-nickel electrolytes by LC-UV	13.04.2010	y	y	y
2.3	A0001052	3	Chloride and Nitrate in nickel electrolytes by IC	11.05.2015	y	y	n
2.4	A0001053	2	Brightener in zinc electrolytes by LC-UV	13.04.2010	y	y	y
2.9	A0001055	3	Brightener in copper electrolytes by voltammetry	21.12.2012	y	y	n
2.9	A0001060	1	Leveller in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.9	A0001061	1	Brightener in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.9	A0001072	3	Brightener in copper electrolytes by voltammetry	28.11.2012	y	y	n
2.9	A0001102	3	Brightener in copper electrolytes by voltammetry	03.08.2016	y	y	n
2.9	A0001104	1	Brightener in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.9	A0001110	1	Brightener in copper electrolytes by voltammetry	15.07.2009	y	y	n
2.9	A0001115	6	Brightener in copper electrolytes by voltammetry	25.08.2014	y	y	n
2.3	A0001117	2	Nitrite in palladium electrolytes by IC	08.04.2020	y	y	n
2.9	A0001121	1	Correction in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.1	A0001126	2	Sodium hypophosphite in nickel electrolytes by Redox-Titration	08.03.2012	y	y	n
2.9	A0001127	3	Bismuth in nickel electrolytes by Polarography	07.10.2010	y	y	n
2.9	A0001128	2	Antimony in nickel electrolytes by Polarography	22.03.2011	y	y	n
2.9	A0001130	2	Leveller in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.9	A0001131	10	Correction in copper electrolytes by voltammetry	16.08.2013	y	y	n
2.9	A0001166	1	Brightener in copper electrolytes by voltammetry	31.03.2010	y	y	n
2.3	A0001168	3	DA, Stabilizer, Chloride, Sulfate and Compound A in chromium electrolyte by IC	22.12.2017	y	y	n

Test area	AV-No.	Version	Titel External (analyte, matrix, method)	Date	BRLN	WERD	TREB
2.1	A0001217	1	Nickel in galvanic electrolytes by complexometric titration	25.08.2010	y	y	n
2.9	A0001222	2	Brightener in copper electrolytes by voltammetry	05.11.2010	y	y	n
2.6	A0001226	2	Silver in silver electrolytes by F-AAS	08.11.2012	y	y	n
2.6	A0001257	1	Palladium in activators by F-AAS	31.03.2010	y	y	n
2.5	A0001262	1	Basic Solution in copper electrolytes by Photometry	31.03.2010	y	y	n
2.3	A0001271	1	Chloride in Bondfilm Solutions by IC	12.08.2010	y	y	n
2.1	A0001282	2	Chloride in tin electrolytes by precipitation titration	29.05.2013	y	y	n
2.9	A0001287	1	Brightener in copper electrolytes by voltammetry	13.04.2010	y	y	n
2.4	A0001297	4	Carrier and brightener in nickel electrolytes by LC-UV	21.05.2012	y	y	n
2.5	A0001299	2	Carrier A-5 (2x) in nickel electrolyte by photometry	05.11.2018	y	y	n
2.9	A0001303	3	Brightener in copper electrolytes by voltammetry	27.06.2016	y	y	n
2.9	A0001304	1	Leveller in copper electrolytes by voltammetry	26.05.2010	y	y	n
2.4	A0001305	3	Carrier and brightener in nickel electrolytes by LC-UV	21.05.2012	y	y	n
2.1	A0001322	1	Sulfuric acid in copper electrolytes by acid-base titration	07.07.2010	y	y	n
2.1	A0001330	1	Copper in Copper Electrolytes by Titration	07.07.2010	y	y	y
2.9	A0001339	1	Leveller in copper electrolytes by voltammetry	02.09.2010	y	y	n
2.4	A0001351	1	Complexer in zinc-nickel electrolytes by LC-UV	03.08.2010	y	y	y
2.9	A0001361	1	Leveller in copper electrolytes by voltammetry	29.11.2010	y	y	n
2.9	A0001362	1	Brightener in copper electrolytes by voltammetry	29.11.2010	y	y	n
2.9	A0001363	4	Correction in copper electrolytes by voltammetry	02.12.2013	y	y	n
2.6	A0001366	1	Palladium in activators by photometry	12.08.2010	y	y	n
2.4	A0001375	2	Make up solution in chromium electrolytes by LC-UV	05.07.2011	y	y	n
2.9	A0001392	2	Brightener in copper electrolytes by voltammetry	12.06.2017	y	y	n
2.6	A0001420	2	Sodium and Potassium in chromium electrolytes by F-AAS	22.07.2011	y	y	n
2.9	A0001422	1	Brightener in copper electrolytes by voltammetry	05.11.2010	y	y	n
2.1	A0001447	5	Wetting agents in cleaner by tensid titration	22.02.2021	y	y	n
2.4	A0001456	2	Carrier and Brightener in nickel electrolytes by LC-UV	13.11.2012	y	y	n
2.9	A0001462	3	Correction in copper electrolytes by voltammetry	30.05.2012	y	y	n
2.9	A0001466	2	Leveller in copper electrolytes by voltammetry	18.03.2011	y	y	n
2.9	A0001468	2	Brightener in copper electrolytes by voltammetry	18.03.2011	y	y	n
2.5	A0001470	2	Basic solution in copper electrolytes by Photometry	26.01.2011	y	y	n
2.3	A0001513	1	Reduction solution in palladium bathes by IC	09.06.2011	y	y	n
2.9	A0001521	1	Leveller in copper electrolytes by voltammetry	24.06.2011	y	y	n
2.9	A0001522	1	Brightener in copper electrolytes by voltammetry	24.06.2011	y	y	n
2.9	A0001527	1	Brightener in copper electrolytes by voltammetry	12.07.2011	y	y	n
2.5	A0001542	3	Palladium in activators by photometry	12.03.2013	y	y	n
2.5	A0001543	3	Palladium in activators by photometry	12.03.2013	y	y	n
2.6	A0001544	3	Palladium in activators by photometry	12.03.2013	y	y	n
2.9	A0001551	1	Brightener in copper electrolytes by voltammetry	11.08.2011	y	y	n
2.9	A0001560	2	Brightener in copper electrolytes by voltammetry	28.11.2011	y	y	n
2.9	A0001561	1	Leveller in copper electrolytes by voltammetry	08.09.2011	y	y	n
2.6	A0001564	2	Gold in gold electrolytes by F-AAS	13.10.2017	y	y	n
2.9	A0001577	8	Correction in copper electrolytes by voltammetry	07.11.2016	y	y	n
2.4	A0001580	4	Make up solution in chromium electrolyte by HPLC	16.05.2013	y	y	n
2.7	A0001581	5	Nickel and Zinc in Zn/Ni-electrolytes by ICP-OES	09.06.2021	y	y	y
2.9	A0001589	3	Leveller in copper electrolytes by voltammetry	30.05.2012	y	y	n
2.9	A0001596	3	Brightener in copper electrolytes by voltammetry	29.05.2012	y	y	n
2.7	A0001602	2	Cu, Fe, Ni, Pb and Zn in by ICP-OES	26.02.2020	y	y	n
2.7	A0001606	2	Tin (Sn) in acidic copper baths by ICP-OES	09.08.2021	y	y	n
2.9	A0001609	1	Sb (III) in e'less nickel baths by POL	07.12.2011	y	y	n
2.9	A0001610	1	Sb total in e'less nickel baths by POL	07.12.2011	y	y	n
2.9	A0001611	1	Pb and Cd in e'less nickel baths by Polarography	07.12.2011	y	y	n
2.9	A0001612	1	Bismuth (Bi) in e'less nickel baths by Polarography	07.12.2011	y	y	n
2.9	A0001619	1	Cd and Pb in waste water by Polarography	24.02.2012	y	y	n
2.5	A0001632	2	Palladium in activator by Photometry	16.01.2012	y	y	n
2.9	A0001637	5	Leveller in copper electrolytes by voltammetry	05.04.2013	y	y	n
2.7	A0001660	1	Fe,Cu,Pb in Passivates by ICP-OES	16.01.2012	y	y	n
2.7	A0001661	1	Cu,Cr,Fe in Pd-Activator by ICP-OES	16.01.2012	y	y	n
2.7	A0001662	1	Cu,Ni,Fe,Pb,Zn in chromium electrolyte by ICP-OES	16.01.2012	y	y	n
2.6	A0001739	1	Iron in tin electrolytes by F-AAS	13.07.2012	y	y	n
2.3	A0001740	2	Stabilizer, Chloride, Sulfate and Compound A in chromium electrolytes by IC	21.12.2023	y	y	n
2.9	A0001746	1	Brightener in copper electrolytes by voltammetry	17.02.2012	y	y	n
2.6	A0001757	2	Iron (Fe) in chromium electrolytes by F-AAS	01.03.2024	y	y	n

Test area	AV-No.	Version	Titel External (analyte, matrix, method)	Date	BRLN	WERD	TREB
2.6	A0001760	1	Iron in gold electrolytes by F-AAS	13.06.2012	y	y	n
2.6	A0001761	2	Cu, Fe, Ni, Pb and Zn in chromium bathes by F-AAS	16.09.2024;	y	y	n
2.7	A0001764	4	Au, Cu, Co and Ni in gold electrolytes by ICP-OES	07/03/2025;	y	y	n
2.7	A0001768		Lead in copper baths by ICP-OES	03.07.2012	y	n	n
2.9	A0001776	6	Brightener in copper electrolytes by voltammetry	04.06.2015	y	y	n
2.9	A0001777	3	Leveller in copper electrolytes by voltammetry	07.01.2013	y	y	n
2.6	A0001778	2	Cr, Cu, Fe, Ni and Zn in passivations by F-AAS	22.03.2012	y	y	y
2.9	A0001813	3	Correction in copper electrolytes by voltammetry	17.06.2015	y	y	n
2.1	A0001821	4	Chloride in etches by precipitation titration	05.03.2024	y	y	n
2.6	A0001846	2	Silver in silver additives by F-AAS	18.12.2012	y	y	n
2.5	A0001849	4	Palladium in activators by photometry	17.06.2014	y	y	n
2.5	A0001850	3	Palladium in activators by photometry	17.06.2014	y	y	n
2.6	A0001851	3	Palladium in activators by F-AAS	17.06.2014	y	y	n
2	A0001853	6	Chromium (VI) in electrotechnical products according DIN EN ISO 3613	13.02.2025;	y	y	y
2.4	A0001855	1	Brightener in nickel electrolytes by LC-UV	30.08.2012	y	y	n
2.7	A0001862	2	Palladium (Pd) in Activators by ICP-OES	02.09.2021	y	y	n
2.5	A0001864	1	Chromium(III) in hexavalent chromium by photometry	17.09.2012	n	n	n
2.5	A0001866	2	Ammonia in chromium or zinc electrolytes by photometry	11.01.2013	y	y	y
2.9	A0001875	3	Leveller in copper electrolytes by voltammetry	08.05.2013	y	y	n
2.9	A0001876	2	Leveller in copper electrolytes by voltammetry	08.05.2013	y	y	n
2.9	A0001877	2	Brightener in copper electrolytes by voltammetry	08.05.2013	y	y	n
2.1	A0001879	1	Copper in copper electrolytes by complexometric titration	19.09.2012	y	y	n
2.9	A0001891	4	Leveller in copper electrolytes by voltammetry	27.10.2015	y	y	n
2.9	A0001892	4	Brightener in copper electrolytes by voltammetry	27.10.2015	y	y	n
2.5	A0001897	1	Basic Solution in copper electrolytes by Photometry	16.10.2012	y	y	n
2.6	A0001903	1	Palladium in activators by F-AAS	29.10.2012	y	y	n
2.5	A0001904	1	Palladium in activators by photometry	29.10.2012	y	y	n
2.5	A0001905	1	Palladium in activators by photometry	30.10.2012	y	y	n
2.6	A0001912	6	Chromium in Passivations by F-AAS	11.12.2020	y	y	y
2.9	A0001924	5	Leveller in copper electrolytes by voltammetry	21.01.2019	y	y	n
2.9	A0001925	7	Correction in copper electrolytes by voltammetry	31.08.2021	y	y	n
2.9	A0001926	5	Brightener in copper electrolytes by voltammetry	21.01.2019	y	y	n
2.3	A0001930	4	Reducer in palladium electrolytes using IC	08.04.2020	y	y	n
2.9	A0001940	2	Brightener in copper electrolytes by voltammetry	24.03.2014	y	y	n
2.9	A0001941	2	Correction in copper electrolytes by voltammetry	24.03.2014	y	y	n
2.9	A0001943	1	Correction in copper electrolytes by voltammetry	19.12.2012	y	y	n
2.3	A0001947	1	Reducer in palladium electrolytes using IC	09.01.2013	y	y	n
2.6	A0001948	5	Gold in gold electrolytes by F-AAS	31.01.2022	y	y	n
2.5	A0001949	2	Ammonia in water by photometry	07.11.2023	y	y	y
2.6	A0001952	3	Gold in gold electrolytes by F-AAS	09.10.2015	y	y	n
2.5	A0001953	1	Chromium(III) in passivations by photometry	18.01.2013	y	y	y
2.3	A0001957	1	Chloride in copper electrolytes by IC	01.02.2013	y	y	n
2.9	A0001960	2	Leveller in copper electrolytes by voltammetry	28.05.2018	y	y	n
2.9	A0001978	5	Brightener in copper electrolytes by voltammetry	10.06.2014	y	y	n
2.5	A0001983	4	Iron(III) in etches by photometry	12.12.2024;	y	y	y
2.1	A0001985	3	Total acid in tin electrolytes by titration	13.03.2014	y	y	n
2.6	A0001992	1	Catalyst in chromium electrolytes by F-AAS	18.03.2013	y	y	n
2.9	A0001997	3	Brightener in copper electrolytes by voltammetry	18.01.2016	y	y	n
2.6	A0001999	2	Gold in gold electrolytes by F-AAS	08.04.2013	y	y	n
2.9	A0002009	3	Brightener in copper electrolytes by voltammetry	29.01.2015	y	y	n
2.4	A0002013	2	Brightener in tin electrolytes by LC-UV	12.06.2013	y	y	n
2.9	A0002015	4	Leveller in copper electrolytes by voltammetry	14.08.2014	y	y	n
2.7	A0002024	2	Palladium in chromo sulfuric acid etches by ICP-OES	15.07.2016	y	y	n
2.4	A0002026	1	Brightener in nickel electrolytes by LC-UV	15.05.2013	y	y	n
2.4	A0002027	1	Carrier in nickel electrolytes by LC-UV	15.05.2013	y	y	n
2.4	A0002029	2	Regulators in chromium electrolytes by LC-CAD	21.12.2023	y	y	n
2.4	A0002030	1	Wetting agent in nickel electrolytes by LC-CAD	12.01.2017	y	y	n
2.4	A0002048	1	Additive and Brightener in zinc electrolytes by LC-UV	01.07.2013	y	y	y
2.5	A0002061	4	Chromium(III) in chromium electrolytes by photometry	15.05.2024	y	y	n
2.9	A0002074	1	Brightener in copper electrolytes by voltammetry	12.08.2013	y	y	n
2.4	A0002085	4	Brightener in zinc electrolytes by LC-UV	31.08.2018	y	y	y
2.4	A0002086	3	Brightener in zinc electrolytes by LC-UV	31.03.2016	y	y	y
2.4	A0002087	2	Brightener in zinc electrolytes by LC-UV	14.01.2014	y	y	y

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2.9	A0002104	2	Correction in copper electrolytes by voltammetry	02.12.2013	y	y	n
2.9	A0002105	4	Correction in copper electrolytes by voltammetry	17.11.2014	y	y	n
2.9	A0002107	2	Leveller in copper electrolytes by voltammetry	17.02.2014	y	y	n
2.9	A0002108	2	Brightener in copper electrolytes by voltammetry	17.02.2014	y	y	n
2.4	A0002112	1	Brightener in copper electrolytes by LC-UV	14.10.2013	y	y	n
2.3	A0002119	2	Sulfate in tin baths by IC	26.09.2018	y	y	n
2.9	A0002135	3	Brightener in copper electrolytes by voltammetry	08.04.2014	y	y	n
2.9	A0002136	2	Leveller in copper electrolytes by voltammetry	15.07.2020	y	y	n
2.9	A0002141	1	Brightener in copper electrolytes by voltammetry	08.11.2013	y	y	n
2.8	A0002149	2	Ag, As, Bi, Ca, Cd, Cr, Fe, Ni, P, Pb, S, Sb, Se, Sn, Te, Zn in copper oxide by ICP-MS	18.11.2013	y	n	n
2.5	A0002156	2	Basic Solution in copper electrolytes by Photometry	20.08.2015	y	y	n
2.5	A0002157	3	Basic Solution in copper electrolytes by Photometry	23.07.2021	y	y	n
2.5	A0002178	2	Basic Solution in copper electrolytes by Photometry	15.09.2014	y	y	n
2.5	A0002188	4	Palladium in activators by photometry	11.01.2017	y	y	n
2.6	A0002190	2	Palladium in activators by F-AAS	22.07.2020	y	y	n
2.9	A0002193	2	Leveller in copper electrolytes by voltammetry	15.03.2016	y	y	n
2.9	A0002194	3	Brightener in copper electrolytes by voltammetry	08.06.2016	y	y	n
2.6	A0002207	1	Iron in nickel electrolytes by F-AAS	25.02.2014	y	y	n
2.6	A0002209	2	Palladium in activators by F-AAS	05.03.2014	y	y	n
2.5	A0002210	2	Palladium in activators by photometry	05.03.2014	y	y	n
2.5	A0002211	3	Palladium in activators by photometry	29.06.2016	y	y	n
2.5	A0002213	2	Basic Solution in copper electrolytes by Photometry	05.03.2014	y	y	n
2.6	A0002216	1	Sodium in copper electrolytes by F-AES	04.03.2014	y	y	n
2.1	A0002218	1	Copper in copper electrolytes by Redox-Titration	05.03.2014	y	y	n
2.9	A0002227	1	Brightener in copper electrolytes by voltammetry	24.03.2014	y	y	n
2.9	A0002228	2	Leveller in copper electrolytes by voltammetry	03.06.2014	y	y	n
2.7	A0002235	2	Cr and Zn in passivations by ICP-OES	02.09.2021	y	y	y
2.6	A0002247	1	Silver in silver electrolytes by F-AAS	12.05.2014	y	y	n
2.5	A0002249	2	Palladium in activators by photometry	27.04.2017	y	y	n
2.5	A0002250	4	Palladium in activators by photometry	31.08.2021	y	y	n
2.5	A0002263	1	Palladium in activators by photometry	28.05.2014	y	y	n
2.9	A0002267	1	Brightener in copper electrolytes by voltammetry	10.06.2014	y	y	n
2.9	A0002268	4	Correction in copper electrolytes by voltammetry	23.05.2017	y	y	n
2.3	A0002285	1	Nitrate in palladium electrolytes by IC+UV	14.07.2014	y	y	n
2.9	A0002304	5	Brightener in copper electrolytes by voltammetry	23.05.2017	y	y	n
2.9	A0002305	3	Leveller in copper electrolytes by voltammetry	23.05.2017	y	y	n
2.9	A0002314	2	Leveller in copper electrolytes by voltammetry	14.06.2017	y	y	n
2.4	A0002315	2	Complexing Agents in nickel electrolytes by LC-UV	20.04.2015	y	y	n
2.9	A0002316	1	Brightener in copper electrolytes by voltammetry	03.09.2014	y	y	n
2.9	A0002317	1	Correction in copper electrolytes by voltammetry	10.09.2014	y	y	n
2.9	A0002318	1	Leveller in copper electrolytes by voltammetry	10.09.2014	y	y	n
2.4	A0002322	3	Brightener in tin electrolytes by LC-UV	15.01.2015	y	y	n
2.1	A0002329	1	Nickel in nickel electrolytes by complexometric titration	23.09.2014	y	y	n
2.3	A0002346	9	Stabilizer C1 and C2, BluCr B and Sulfate in chromium electrolyte by IC	13.03.2024	y	y	n
2.9	A0002353	2	Stabilizer in nickel electrolytes by Polarography	25.11.2015	y	y	n
2.3	A0002363	1	Reducer in palladium electrolytes using IC	03.11.2014	y	y	n
2.1	A0002364	3	Total acid in tin electrolytes by titration	20.07.2022	y	y	n
2.9	A0002366	1	Brightener in copper electrolytes by voltammetry	11.11.2014	y	y	n
2.4	A0002386	2	Make up solution in trichrome electrolytes by LC-UV	08.07.2015	y	y	n
2.4	A0002387	6	TC ICE Part 4 in trichrome electrolytes by LC-UV	16.09.2024	y	y	n
2.3	A0002394	1	Nitrate in copper baths by IC-UV	05.01.2015	y	y	n
2.4	A0002395	3	Carrier in tin electrolytes by LC-UV	09.12.2019	y	y	n
2.4	A0002396	2	Carrier in tin electrolytes by LC-UV	15.01.2015	y	y	n
2.9	A0002420	6	Brightener in copper electrolytes by voltammetry	07.05.2018	y	y	n
2.9	A0002421	4	Leveller in copper electrolytes by voltammetry	07.05.2018	y	y	n
2.9	A0002422	3	Correction in copper electrolytes by voltammetry	27.03.2018	y	y	n
2.4	A0002442	1	Carrier in zinc-nickel electrolytes by LC-UV	31.03.2015	y	y	y
2.4	A0002443	2	Carrier in zinc-nickel electrolytes by LC-UV	26.06.2015	y	y	y
2.4	A0002444	5	Carrier in zinc-nickel electrolytes by LC-CAD	17.05.2024	y	y	y
2.4	A0002445	3	Carrier in zinc-nickel electrolytes by LC-UV	19.07.2019	y	y	y
2.1	A0002455	1	Total acid in tin electrolytes by titration	21.04.2015	y	y	n
2.9	A0002456	11	Brightener in copper electrolytes by voltammetry	27.04.2018	y	y	n
2.9	A0002458	12	Leveller in copper electrolytes by voltammetry	24.09.2018	y	y	n

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2.4	A0002464	4	Neolink E3 in nickel electrolyte by LC-RI	10.10.2016	y	n	n
2.3	A0002465	4	HEEF HMC Additive I and II in chromium electrolytes by IC	11.03.2019	y	y	n
2.6	A0002469	3	Copper, Tin and Zinc in nickel electrolyte by AAS	12.12.2016	y	y	n
2.5	A0002471	1	STH Additive in tin electrolytes by Photometry	21.05.2015	y	y	n
2.3	A0002474	1	Nitrate in Passivations by IC	29.05.2015	y	y	n
2.4	A0002478	3	Wetting Agent in nickel electrolytes by LC-CAD	13.03.2024	y	y	n
2.4	A0002491	3	Carrier in zinc-nickel electrolytes by LC-UV	01.11.2021	y	y	y
2.4	A0002492	2	Wetting Agent in nickel electrolytes by LC-CAD	15.06.2015	y	y	n
2.4	A0002493	3	Wetting Agent in nickel electrolytes by LC-CAD	31.01.2025;1y	y	y	n
2.9	A0002501	4	Correction in copper electrolytes by voltammetry	16.03.2017	y	y	n
2.4	A0002503	1	Brightener in copper electrolytes by voltammetry	09.07.2015	y	y	n
2.9	A0002506	5	Brightener in copper electrolytes by voltammetry	16.03.2017	y	y	n
2.5	A0002509	1	Palladium in activators by Photometry	13.07.2015	y	y	n
2.5	A0002510	1	Palladium in activators by Photometry	13.07.2015	y	y	n
2.6	A0002511	1	Palladium in activators by Photometry	13.07.2015	y	y	n
2.9	A0002512	5	Brightener in copper electrolytes by voltammetry	27.05.2022	y	y	n
2.1	A0002514	1	Total acid in tin electrolytes by titration	23.07.2015	y	y	n
2.1	A0002516	1	Total acid in tin electrolytes by titration	23.07.2015	y	y	n
2.1	A0002518	1	Total acid in tin electrolytes by titration	23.07.2015	y	y	n
2.9	A0002522	3	Brightener in copper electrolytes by voltammetry	21.11.2016	y	y	n
2.9	A0002523	4	Correction in copper electrolytes by voltammetry	05.11.2024; y	y	y	n
2.9	A0002556	1	Leveller in copper electrolytes by voltammetry	23.10.2015	y	y	n
2.4	A0002557	1	Complexing agents in nickel electrolytes by LC-UV		y	y	n
2.1	A0002558	2	Ammonium (NH4+) in chromium electrolyte by Titration	29.06.2020	y	y	n
2.5	A0002559	1	Palladium in activators by Photometry	11.11.2015	y	y	n
2.5	A0002560	1	Palladium in activators by Photometry	11.11.2015	y	y	n
2.5	A0002561	1	Palladium in activators by Photometry	11.11.2015	y	y	n
2.5	A0002562	1	Palladium in activators by Photometry	11.11.2015	y	y	n
2.1	A0002568	2	Total acid in tin electrolytes by titration	19.02.2016	y	y	n
2.9	A0002571	1	Brightener in copper electrolytes by voltammetry	11.12.2015	y	y	n
2.9	A0002572	1	Leveller in copper electrolytes by voltammetry	11.12.2015	y	y	n
2.9	A0002573	1	Correction in copper electrolytes by voltammetry	11.12.2015	y	y	n
2.4	A0002592	1	Brightener in tin electrolytes by LC-UV	01.02.2016	y	n	n
2.9	A0002594	1	Brightener in copper electrolytes by voltammetry	01.02.2016	y	y	n
2.10	A0002611	1	Determination of the pH value in alkaline electrolytes	16.02.2016	y	y	n
2.5	A0002613	2	Basic Solution in copper electrolytes by Photometry	14.08.2018	y	y	n
2.1	A0002614	2	Copper in copper electrolytes by Redox-Titration	14.08.2018	y	y	n
2.5	A0002617	1	Palladium in activators by photometry	19.02.2016	y	y	n
2.2	A0002619	1	Sweller concentrate in Sweller by GC-FID	24.02.2016	y	y	n
2.9	A0002635	1	Brightener in copper electrolytes by voltammetry	28.04.2016	y	y	n
2.9	A0002637	1	Brightener in copper electrolytes by voltammetry	04.04.2016	y	y	n
2.9	A0002642	2	Brightener in copper electrolytes by voltammetry	29.10.2019	y	y	n
2.9	A0002643	2	Correction in copper electrolytes by voltammetry	29.10.2019	y	y	n
2.9	A0002655	2	Brightener in copper electrolytes by voltammetry	09.02.2017	y	y	n
2.9	A0002656	4	Leveller in copper electrolytes by voltammetry	16.02.2017	y	y	n
2.1	A0002658	2	Copper in copper electrolytes by Redox-Titration	14.12.2017	y	y	n
2.5	A0002659	2	Basic Solution in copper electrolytes by Photometry	14.12.2017	y	y	n
2.4	A0002663	4	Make up solution in trichrome electrolytes by LC-UV	11/03/2025;y	y	y	n
2.4	A0002664	8	TC ICE Part 3 in trichrome electrolytes by LC-UV	11.12.2024 ; y	y	y	n
2.5	A0002670	2	Cupracid Ultra A in copper electrolytes by photometry	11.06.2024	y	y	n
2.5	A0002672	2	Cupracid 6000 A in copper electrolytes by photometry	14.07.2017	y	y	n
2.5	A0002675	1	Cupracid LED A in copper electrolytes by photometry	27.05.2016	y	y	n
2.5	A0002676	2	Cupracid 5000 A in copper electrolytes by photometry	28.03.2018	y	y	n
2.9	A0002689	3	Brightener in copper electrolytes by voltammetry	14.10.2016	y	y	n
2.9	A0002690	1	Leveller in copper electrolytes by voltammetry	23.06.2016	y	y	n
2.9	A0002699	3	Brightener in copper electrolytes by voltammetry	05.01.2017	y	y	n
2.9	A0002700	4	Leveller in copper electrolytes by voltammetry	12.10.2018	y	y	n
2.9	A0002703	2	Leveller in copper electrolytes by voltammetry	10.11.2017	y	y	n
2.4	A0002704	1	Carrier and Brightener in nickel electrolytes by LC-UV	09.08.2016	y	y	n
2.9	A0002713	3	Brightener in copper electrolytes by voltammetry	11.04.2019	y	y	n
2.9	A0002714	3	Leveller in copper electrolytes by voltammetry	08.07.2020	y	y	n
2.7	A0002722	2	Cu, Fe, Ni, Pb and Zn in chromium electrolytes by ICP-OES	05.08.2021	y	y	n
2.9	A0002727	2	Brightener in copper electrolytes by voltammetry	29.09.2016	y	y	n

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2.9	A0002728	3	Leveller in copper electrolytes by voltammetry	26.01.2018	y	y	n
2.9	A0002730	1	Brightener in copper electrolytes by voltammetry	23.09.2016	y	y	n
2.9	A0002732	2	Leveller in copper electrolytes by voltammetry	06.12.2016	y	y	n
2.9	A0002735	2	Brightener in copper electrolytes by voltammetry	16.03.2017	y	y	n
2.9	A0002737	2	Correction in copper electrolytes by voltammetry	16.03.2017	y	y	n
2.3	A0002741	2	Ammonium in recycled water by IC	13.09.2021	y	y	n
2.9	A0002745	1	Brightener in copper electrolytes by voltammetry	10.10.2016	y	y	n
2.9	A0002746	1	Leveller in copper electrolytes by voltammetry	10.10.2016	y	y	n
2.9	A0002747	1	Correction in copper electrolytes by voltammetry	10.10.2016	y	y	n
2.6	A0002748	1	Palladium in activators by F-AAS	10.10.2016	y	y	n
2.5	A0002749	1	Palladium in activators by photometry	10.10.2016	y	y	n
2.5	A0002750	1	Palladium in activators by photometry	10.10.2016	y	y	n
2.4	A0002753	1	Wetting agent in nickel electrolytes by LC-CAD	14.10.2016	y	y	n
2.9	A0002768	3	Brightener in copper electrolytes by voltammetry	29.09.2020	y	y	n
2.9	A0002773	2	Brightener in copper electrolytes by voltammetry	21.11.2016	y	y	n
2.7	A0002778	1	Co, Cr, Fe and Zn in passivations by ICP-OES	22.11.2016	y	y	y
2.6	A0002784	2	Palladium in activators by F-AAS	17.07.2017	y	y	n
2.5	A0002785	2	Palladium in activators by photometry	17.07.2017	y	y	n
2.5	A0002786	2	Palladium in activators by photometry	17.07.2017	y	y	n
2.6	A0002788	1	Palladium in activators by F-AAS	19.12.2016	y	y	n
2.5	A0002789	1	Palladium in activators by photometry	19.12.2016	y	y	n
2.5	A0002790	1	Palladium in activators by photometry	19.12.2016	y	y	n
2.5	A0002803	1	Chromium(III) in passivations by Photometry	09.01.2017	y	y	n
2.9	A0002805	2	Brightener in copper electrolytes by voltammetry	20.11.2017	y	y	n
2.9	A0002807	3	Correction in copper electrolytes by voltammetry	20.11.2017	y	y	n
2.9	A0002823	2	Brightener in copper electrolytes by voltammetry	05.04.2017	y	y	n
2.1	A0002826	5	Acid as Part1 in ABS etches by Titration	06.03.2024	y	y	n
2.9	A0002852	2	Leveller in copper electrolytes by voltammetry	29.01.2020	y	y	n
2.9	A0002854	1	Leveller in copper electrolytes by voltammetry	12.04.2017	y	y	n
2.4	A0002858	2	Additive and Brightener in zinc electrolytes by LC-UV	23.11.2017	y	y	y
2.4	A0002859	2	Additive and Brightener in zinc electrolytes by LC-UV	23.11.2017	y	y	y
2.4	A0002860	2	Additive and Brightener in zinc electrolytes by LC-UV	23.11.2017	y	y	y
2.9	A0002866	1	Brightener in copper electrolytes by voltammetry	28.04.2017	y	y	n
2.9	A0002867	1	Leveller in copper electrolytes by voltammetry	28.04.2017	y	y	n
2.9	A0002869	2	Leveller in copper electrolytes by voltammetry	01.12.2017	y	y	n
2.9	A0002870	3	Leveller in copper electrolytes by voltammetry	27.09.2023	y	y	n
2.9	A0002871	2	Brightener in copper electrolytes by voltammetry	01.12.2017	y	y	n
2.9	A0002882	1	Leveller in copper electrolytes by voltammetry	31.05.2017	y	y	n
2.9	A0002883	1	Leveller in copper electrolytes by voltammetry	31.05.2017	y	y	n
2.9	A0002884	1	Brightener in copper electrolytes by voltammetry	31.05.2017	y	y	n
2.5	A0002886	3	Cupradid UP 800 A in copper electrolytes by photometry	14.02.2025;	y	y	n
2.3	A0002897	1	Reducer in palladium electrolytes using IC	20.06.2017	y	y	n
2.3	A0002898	2	Reducer in palladium electrolytes using IC	18.07.2024	y	y	n
2.3	A0002899	1	Reducer in palladium electrolytes using IC	20.06.2017	y	y	n
2.8	A0002902	1	Ag, As, Bi, Cd, Fe, Ni, P, Pb, S, Sb, Se, Sn, Te, and Zn in Copper Anodes (P) by ICP-MS	22.12.2017	y	n	n
2.5	A0002907	1	Basic Solution in copper electrolytes by Photometry	30.06.2017	y	y	n
2.5	A0002916	4	Chromium(VI) in Trichrome electrolytes by photometry	16.09.2024;	y	y	n
2.9	A0002920	2	Leveller in copper electrolytes by voltammetry	02.09.2019	y	y	n
2.9	A0002929	3	Brightener in copper electrolytes by voltammetry	04.10.2018	y	y	n
2.9	A0002930	5	Correction in copper electrolytes by voltammetry	28.06.2022	y	y	n
2.6	A0002954	1	Palladium in activators by F-AAS	22.08.2017	y	y	n
2.5	A0002955	1	Palladium in activators by photometry	22.08.2017	y	y	n
2.5	A0002956	1	Palladium in activators by photometry	22.08.2017	y	y	n
2.1	A0002961	1	Copper in copper electrolytes by Redox-Titration	23.08.2017	y	y	n
2.5	A0002962	1	Basic Solution in copper electrolytes by Photometry	23.08.2017	y	y	n
2.4	A0002978	2	Brightener in nickel electrolytes by LC-UV	08.08.2024	y	y	n
2.9	A0002996	2	Leveller in copper electrolytes by voltammetry	12.06.2018	y	y	n
2.9	A0003002	2	Brightener in copper electrolytes by voltammetry	18.07.2019	y	y	n
2.2	A0003005	1	Sweller concentrate in Sweller by GC-FID	14.11.2017	y	n	n
2.5	A0003007	1	Basic Solution in copper electrolytes by Photometry	14.11.2017	y	y	n
2.1	A0003008	1	Copper in copper electrolytes by Redox-Titration	14.11.2017	y	y	n
2.9	A0003011	1	Brightener in copper electrolytes by voltammetry	17.11.2017	y	y	n
2.9	A0003012	1	Leveller in copper electrolytes by voltammetry	17.11.2017	y	y	n

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2.9	A0003014	1	Correction in copper electrolytes by voltammetry	20.11.2017	y	y	n
2.4	A0003015	1	Carrier in zinc-nickel electrolytes by LC-UV	23.11.2017	y	y	y
2.9	A0003016	5	Brightener in copper electrolytes by voltammetry	28.02.2022	y	y	n
2.9	A0003018	6	Correction in copper electrolytes by voltammetry	28.02.2022	y	y	n
2.4	A0003024	2	Complexing Agents in nickel electrolytes by LC-UV	19.06.2018	y	y	n
2.8	A0003032	1	Ag, As, Bi, Cd, Fe, Ni, P, Pb, S, Sb, Se, Sn, Te, and Zn in Copper Anodes (P free) by ICP-MS	22.12.2017	y	n	n
2.4	A0003034	2	Carrier in zinc-nickel electrolytes by LC-CAD	04.06.2018	y	y	y
2.5	A0003040	2	Basic Solution in copper electrolytes by Photometry	12.06.2022	y	y	n
2.1	A0003041	2	Copper in copper electrolytes by Redox-Titration	12.06.2022	y	y	n
2.9	A0003047	1	Leveller in copper electrolytes by voltammetry	19.12.2017	y	y	n
2.4	A0003055	1	Carrier in zinc-nickel electrolytes by LC-CAD	19.01.2018	y	y	y
2.9	A0003057	1	Leveller in copper electrolytes by voltammetry	19.01.2018	y	y	n
2.9	A0003066	2	Brightener in copper electrolytes by voltammetry	04.05.2022	y	y	n
2.9	A0003067	3	Brightener in copper electrolytes by voltammetry	26.08.2022	y	y	n
2.9	A0003068	3	Leveller in copper electrolytes by voltammetry	26.08.2022	y	y	n
2.4	A0003069	1	Carrier in zinc-nickel electrolytes by LC-CAD	26.01.2018	y	y	y
2.4	A0003070	1	Carrier in zinc-nickel electrolytes by LC-UV	26.01.2018	y	y	y
2.9	A0003071	1	Brightener in copper electrolytes by voltammetry	30.01.2018	y	y	n
2.9	A0003072	1	Leveller in copper electrolytes by voltammetry	30.01.2018	y	y	n
2.9	A0003073	1	Correction in copper electrolytes by voltammetry	30.01.2018	y	y	n
2.9	A0003077	1	Leveller in copper electrolytes by voltammetry	19.02.2018	y	y	n
2.9	A0003078	6	Correction in copper electrolytes by voltammetry	26.04.2021	y	y	n
2.5	A0003081	1	Basic Solution in copper electrolytes by Photometry	23.02.2018	y	y	n
2.9	A0003102	1	Lead in nickel electrolytes by Polarography	06.03.2018	y	y	n
2.9	A0003104	1	Correction in copper electrolytes by voltammetry	06.03.2018	y	y	n
2.9	A0003106	1	Brightener in copper electrolytes by voltammetry	06.03.2018	y	y	n
2.9	A0003129	2	Correction in copper electrolytes by voltammetry	07.05.2018	y	y	n
2.9	A0003131	2	Brightener in copper electrolytes by voltammetry	07.05.2018	y	y	n
2.9	A0003132	2	Brightener in copper electrolytes by voltammetry	07.05.2018	y	y	n
2.9	A0003134	2	Correction in copper electrolytes by voltammetry	07.05.2018	y	y	n
2.9	A0003138	2	Leveller in copper electrolytes by voltammetry	04.07.2018	y	y	n
2.9	A0003139	1	Brightener in copper electrolytes by voltammetry	27.04.2018	y	y	n
2.9	A0003140	1	Correction in copper electrolytes by voltammetry	27.04.2018	y	y	n
2.5	A0003143	1	Chromium(VI) in passivations by photometry	14.05.2018	y	y	n
2.9	A0003144	1	Brightener in copper electrolytes by voltammetry	14.05.2018	y	y	n
2.9	A0003145	1	Leveller in copper electrolytes by voltammetry	15.05.2018	y	y	n
2.9	A0003146	1	Correction in copper electrolytes by voltammetry	15.05.2018	y	y	n
2.9	A0003159	2	Brightener in copper electrolytes by voltammetry	18.06.2018	y	y	n
2.5	A0003163	1	Basic Solution in copper electrolytes by Photometry	18.06.2018	y	y	n
2.1	A0003164	1	Copper in copper electrolytes by Redox-Titration	18.06.2018	y	y	n
2.4	A0003165	1	Complexing Agents in nickel electrolytes by LC-UV	19.06.2018	y	y	n
2.9	A0003167	1	Brightener in copper electrolytes by voltammetry	22.06.2018	y	y	n
2.9	A0003169	1	Leveller in copper electrolytes by voltammetry	22.06.2018	y	y	n
2.9	A0003170	1	Brightener in copper electrolytes by voltammetry	22.06.2018	y	y	n
2.9	A0003171	2	Leveller in copper electrolytes by voltammetry	28.09.2023	y	y	n
2.9	A0003174	3	Leveller in copper electrolytes by voltammetry	12.10.2020	y	y	n
2.1	A0003175	1	Copper in copper electrolytes by Redox-Titration	26.06.2018	y	y	n
2.5	A0003176	1	Basic Solution in copper electrolytes by Photometry	26.06.2018	y	y	n
2.9	A0003177	1	Correction in copper electrolytes by voltammetry	28.06.2018	y	y	n
2.9	A0003178	1	Leveller in copper electrolytes by voltammetry	28.06.2018	y	y	n
2.9	A0003179	1	Brightener in copper electrolytes by voltammetry	28.06.2018	y	y	n
2.9	A0003183	1	Correction in copper electrolytes by voltammetry	04.07.2018	y	y	n
2.4	A0003186	1	Additive and Brightener in zinc electrolytes by LC-UV	20.07.2018	y	y	y
2.9	A0003187	3	Correction in copper electrolytes by voltammetry	25.06.2019	y	y	n
2.9	A0003189	2	Brightener in copper electrolytes by voltammetry	25.06.2019	y	y	n
2.9	A0003190	1	Lead in nickel electrolytes by Polarography	30.07.2018	y	y	n
2.9	A0003202	3	Brightener in copper electrolytes by voltammetry	10.02.2022	y	y	n
2.9	A0003203	3	Leveller in copper electrolytes by voltammetry	10.02.2022	y	y	n
2.9	A0003212	1	Brightener in copper electrolytes by voltammetry	28.08.2018	y	y	n
2.9	A0003217	1	Leveller in copper electrolytes by voltammetry	29.08.2018	y	y	n
2.9	A0003218	1	Brightener in copper electrolytes by voltammetry	29.08.2018	y	y	n
2.9	A0003227	3	Brightener in copper electrolytes by voltammetry	18.01.2022	y	y	n
2.9	A0003228	3	Correction in copper electrolytes by voltammetry	19.01.2022	y	y	n

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2.9	A0003230	1	Leveller in copper electrolytes by voltammetry	24.09.2018	y	y	n
2.9	A0003231	1	Brightener in copper electrolytes by voltammetry	25.09.2018	y	y	n
2.9	A0003232	1	Correction in copper electrolytes by voltammetry	26.09.2018	y	y	n
2.6	A0003235	1	Palladium in activators by F-AAS	09.10.2018	y	y	n
2.4	A0003240	1	Carrier in zinc-nickel electrolytes by LC-UV	11.10.2018	y	y	y
2.4	A0003241	1	Carrier in zinc-nickel electrolytes by LC-UV	12.10.2018	y	y	y
2.5	A0003249	3	Cupradid UP 600 A in copper electrolytes by photometry	30.05.2023	y	y	n
2.9	A0003266	1	Correction in copper electrolytes by voltammetry	29.11.2018	y	y	n
2.9	A0003268	1	Brightener in copper electrolytes by voltammetry	30.11.2018	y	y	n
2.5	A0003277	1	Basic Solution in copper electrolytes by Photometry	09.01.2019	y	y	n
2.1	A0003278	1	Copper in copper electrolytes by Redox-Titration	09.01.2019	y	y	n
2.9	A0003284	1	Correction in copper electrolytes by voltammetry	28.01.2019	y	y	n
2.9	A0003285	1	Brightener in copper electrolytes by voltammetry	28.01.2019	y	y	n
2.9	A0003287	1	Brightener in copper electrolytes by voltammetry	29.01.2019	y	y	n
2.5	A0003293	2	Palladium in activators by photometry	13.01.2021	y	y	n
2.9	A0003307	2	Brightener in copper electrolytes by voltammetry	01.03.2019	y	y	n
2.9	A0003308	2	Leveller in copper electrolytes by voltammetry	15.07.2019	y	y	n
2.9	A0003309	5	Correction in copper electrolytes by voltammetry	11.10.2021	y	y	n
2.9	A0003310	3	Brightener in copper electrolytes by voltammetry	14.01.2021	y	y	n
2.4	A0003311	1	Moderator in copper electrolytes by LC-UV	03.04.2019	y	y	n
2.6	A0003319	3	Palladium in activators by F-AAS	05.03.2020	y	y	n
2.5	A0003320	3	Palladium in activators by photometry	05.03.2020	y	y	n
2.5	A0003321	3	Palladium in activators by photometry	05.03.2020	y	y	n
2.5	A0003325	1	Basic Solution in copper electrolytes by Photometry	12.03.2019	y	y	n
2.1	A0003326	1	Copper in copper electrolytes by Redox-Titration	12.03.2019	y	y	n
2.9	A0003327	1	Correction in copper electrolytes by voltammetry	13.03.2019	y	y	n
2.9	A0003334	1	Leveller in copper electrolytes by voltammetry	19.03.2019	y	y	n
2.9	A0003335	1	Brightener in copper electrolytes by voltammetry	19.03.2019	y	y	n
2.9	A0003336	1	Correction in copper electrolytes by voltammetry	19.03.2019	y	y	n
2.9	A0003340	1	Brightener in copper electrolytes by voltammetry	22.03.2019	y	y	n
2.9	A0003341	1	Leveller in copper electrolytes by voltammetry	22.03.2019	y	y	n
2.9	A0003342	1	Correction in copper electrolytes by voltammetry	22.03.2019	y	y	n
2.9	A0003350	1	Brightener in copper electrolytes by voltammetry	28.03.2019	y	y	n
2.9	A0003352	1	Correction in copper electrolytes by voltammetry	28.03.2019	y	y	n
2.1	A0003364	1	Total acid in tin electrolytes by titration	12.04.2019	y	y	n
2.4	A0003378	1	Carrier in zinc-nickel electrolytes by LC-UV	06.05.2019	y	y	y
2.5	A0003381	1	Palladium in activators by photometry	14.05.2019	y	y	n
2.5	A0003382	1	Palladium in activators by photometry	14.05.2019	y	y	n
2.6	A0003383	1	Palladium in activators by F-AAS	14.05.2019	y	y	n
2.5	A0003385	1	Palladium in activators by photometry	20.05.2019	y	y	n
2.9	A0003389	2	Brightener in copper electrolytes by voltammetry	09.03.2020	y	y	n
2.7	A0003390	1	Ca, Cr, Fe, Mg, Mn, Ni ,Pb, Sn and Zn in copper electrolytes by ICP-OES	25.06.2019	y	y	n
2.7	A0003391	2	Ag, Al, Ba, Ca, Cd, Co, Cr, Fe, Mg, Mn, Ni ,Pb, Sn, Ti and Zn in copper baths by ICP-OES	25.02.2020	y	y	n
2.9	A0003398	3	Brightener in copper electrolytes by voltammetry	06.11.2020	y	y	n
2.9	A0003399	3	Correction in copper electrolytes by voltammetry	06.11.2020	y	y	n
2.4	A0003402	1	Carrier in zinc-nickel electrolytes by LC-UV	06.06.2019	y	y	y
2.4	A0003403	3	Carrier in zinc-nickel electrolytes by LC-UV	10.11.2020	y	y	y
2.1	A0003411	2	Copper in copper electrolytes by Redox-Titration	16.09.2021	y	y	n
2.5	A0003412	1	Basic Solution in copper electrolytes by Photometry	01.07.2019	y	y	n
2.9	A0003414	2	Brightener in copper electrolytes by voltammetry	22.01.2020	y	y	n
2.9	A0003415	2	Correction in copper electrolytes by voltammetry	05.08.2019	y	y	n
2.9	A0003418	2	Leveller in copper electrolytes by voltammetry	25.07.2019	y	y	n
2.9	A0003423	1	Brightener in copper electrolytes by voltammetry	19.07.2019	y	y	n
2.9	A0003424	1	Correction in copper electrolytes by voltammetry	22.07.2019	y	y	n
2.9	A0003430	1	Brightener in copper electrolytes by voltammetry	12.08.2019	y	y	n
2.9	A0003431	1	Correction in copper electrolytes by voltammetry	12.08.2019	y	y	n
2.4	A0003435	1	Make up solution in trichrome electrolytes by LC-UV	22.08.2019	y	y	n
2.9	A0003436	1	Brightener in copper electrolytes by voltammetry	22.08.2019	y	y	n
2.9	A0003437	1	Correction in copper electrolytes by voltammetry	22.08.2019	y	y	n
2.1	A0003444	1	Copper in copper electrolytes by Redox-Titration	03.09.2019	y	y	n
2.5	A0003445	1	Basic Solution in copper electrolytes by Photometry	03.09.2019	y	y	n
2.4	A0003449	2	Complexer in copper electrolytes by LC-RI	01.10.2019	y	n	n
2.1	A0003457	3	Total acid in tin electrolytes by titration	08.10.2020	y	y	n

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2.6	A0003458	1	Palladium in activators by F-AAS	09.09.2019	y	y	n
2.5	A0003459	1	Palladium in activators by photometry	09.09.2019	y	y	n
2.5	A0003460	1	Palladium in activators by photometry	09.09.2019	y	y	n
2.4	A0003464	2	Complexing Agents in gold electrolytes by LC-UV	24.03.2023	y	y	n
2.9	A0003486	3	Leveller in copper electrolytes by voltammetry	14.08.2020	n	n	n
2.9	A0003487	3	Leveller in copper electrolytes by voltammetry	14.08.2020	n	n	n
2.9	A0003488	1	Brightener in copper electrolytes by voltammetry	24.10.2019	n	n	n
2.9	A0003491	2	Brightener in copper electrolytes by voltammetry	14.09.2020	n	n	n
2.5	A0003492	2	Basic Solution in copper electrolytes by Photometry	047.10.2021	y	y	n
2.9	A0003493	1	Correction in copper electrolytes by voltammetry	21.11.2019	y	y	n
2.9	A0003501	1	Brightener in copper electrolytes by voltammetry	02.12.2019	y	y	n
2.9	A0003503	2	Correction in copper electrolytes by voltammetry	11.06.2020	y	y	n
2.9	A0003506	1	Correction in copper electrolytes by voltammetry	12.12.2019	y	y	n
2.5	A0003510	1	Chromium(III) in passivations by photometry	10.01.2020	y	y	y
2.5	A0003511	1	Chromium(III) and Cobalt in passivations by photometry	10.01.2020	y	y	y
2.4	A0003520	1	Additive and Brightener in zinc electrolytes by LC-UV	08.01.2020	y	y	y
2.6	A0003530	1	Copper in Graphite Processes by F-AAS	19.02.2020	y	y	y
2.1	A0003532	1	Copper in copper electrolytes by Redox-Titration	20.02.2020	y	y	n
2.10	A0003533	2	Particle Size Average (d50) in graphite processes by laser diffraction	31.10.2023	n	n	y
2.10	A0003535	1	Determination of pH value graphite processes	24.02.2020	y	y	y
2.3	A0003539	4	Chloride, Nitrite, Nitrate and Sulfate in Graphite Processes by IC	02.10.2024	y	y	y
2.9	A0003540	3	Brightener in copper electrolytes by voltammetry	13.03.2024	y	y	n
2.9	A0003541	1	Correction in copper electrolytes by voltammetry	13.02.2020	y	y	n
2.9	A0003544	1	Leveller in copper electrolytes by voltammetry	03.03.2020	y	y	n
2.5	A0003547	2	Palladium in activators by photometry	24.11.2021	y	y	n
2.9	A0003550	1	Leveller in copper electrolytes by voltammetry	13.03.2020	y	y	n
2.9	A0003557	1	Brightener in copper electrolytes by voltammetry	19.03.2020	y	y	n
2.9	A0003558	1	Brightener in copper electrolytes by voltammetry	19.03.2020	y	y	n
2.5	A0003585	1	Cuprad UP 200 A in copper electrolytes by photometry	27.04.2020	y	y	n
2.9	A0003588	1	Leveller in copper electrolytes by voltammetry	28.04.2020	y	y	n
2.4	A0003599	1	Wetting agent in nickel electrolytes by LC-CAD	07.05.2020	y	y	n
2.4	A0003600	1	Reduction solution in nickel electrolyte by LC-UV	08.05.2020	y	y	n
2.1	A0003601	2	Total acid in tin electrolytes by titration	29.10.2021	y	y	n
2.9	A0003604	2	Brightener in copper electrolytes by voltammetry	11.06.2020	y	y	n
2.9	A0003605	2	Correction in copper electrolytes by voltammetry	11.06.2020	y	y	n
2.1	A0003617	2	Copper in galvanic electrolytes by Redox-Titration	22.08.2024	y	y	n
2.9	A0003619	4	Brightener in copper electrolytes by voltammetry	13.03.2024	y	y	n
2.9	A0003620	1	Leveller in copper electrolytes by voltammetry	11.06.2020	y	y	n
2.9	A0003622	1	Leveller in copper electrolytes by voltammetry	11.06.2020	y	y	n
2.9	A0003623	2	Correction in copper electrolytes by voltammetry	10.02.2022	y	y	n
2.9	A0003623	2	Correction in copper electrolytes by voltammetry	10.02.2022	y	y	n
2.9	A0003624	1	Brightener in copper electrolytes by voltammetry	05.08.2020	y	y	n
2.9	A0003630	3	Brightener in copper electrolytes by voltammetry	03.07.2020	y	y	n
2.9	A0003631	3	Brightener in copper electrolytes by voltammetry	03.07.2020	y	y	n
2.9	A0003636	1	Brightener in copper electrolytes by voltammetry	22.06.2020	y	y	n
2.9	A0003637	1	Correction in copper electrolytes by voltammetry	22.06.2020	y	y	n
2.9	A0003650	3	Brightener in copper electrolytes by voltammetry	29.11.2024	y	y	n
2.9	A0003651	1	Brightener in copper electrolytes by voltammetry		y	y	n
2.9	A0003662	1	Leveller in copper electrolytes by voltammetry	08.07.2020	y	y	n
2.2	A0003667	2	Sweller concentrate in Sweller by GC-FID	29.07.2020	y	y	n
2.9	A0003670	1	Brightener in copper electrolytes by voltammetry	13.07.2020	y	y	n
2.9	A0003671	1	Brightener in copper electrolytes by voltammetry	13.07.2020	y	y	n
2.6	A0003672	1	Manganese in ABS etches by F-AAS	15.07.2020	y	y	n
2.6	A0003673	3	Catalyst in ABS etches by F-AAS	06.03.2024	y	y	n
2.9	A0003676	1	Brightener in copper electrolytes by voltammetry	17.07.2020	y	y	n
2.9	A0003677	1	Correction in copper electrolytes by voltammetry	17.07.2020	y	y	n
2.9	A0003682	2	Brightener in copper electrolytes by voltammetry	20.01.2025	y	y	n
2.9	A0003683	3	Correction in copper electrolytes by voltammetry	21.01.2025	y	y	n
2.9	A0003685	2	Brightener in copper electrolytes by voltammetry	21.08.2020	y	y	n
2.9	A0003687	1	Leveller in copper electrolytes by voltammetry	17.08.2020	y	y	n
2.9	A0003688	1	Leveller in copper electrolytes by voltammetry	17.08.2020	y	y	n
2.9	A0003689	2	Leveller in copper electrolytes by voltammetry	21.08.2020	y	y	n
2.9	A0003690	2	Leveller in copper electrolytes by voltammetry	21.08.2020	y	y	n

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2.5	A0003693	1	Cupracid 110 A in copper electrolytes by photometry	19.08.2020	y	y	n
2.9	A0003703	1	Brightener in copper electrolytes by voltammetry	21.08.2020	y	y	n
2.9	A0003704	1	Leveller in copper electrolytes by voltammetry	21.08.2020	y	y	n
2.9	A0003715	2	Brightener in copper electrolytes by voltammetry	22.11.2023	y	y	n
2.9	A0003716	1	Leveller in copper electrolytes by voltammetry	08.09.2020	y	y	n
2.9	A0003717	1	Brightener in copper electrolytes by voltammetry	08.09.2020	y	y	n
2.9	A0003718	1	Leveller in copper electrolytes by voltammetry	08.09.2020	y	y	n
2.9	A0003719	1	Brightener in copper electrolytes by voltammetry	08.09.2020	y	y	n
2.9	A0003720	1	Leveller in copper electrolytes by voltammetry	08.09.2020	y	y	n
2.9	A0003725	1	Correction in copper electrolytes by voltammetry	16.09.2020	y	y	n
2.9	A0003727	1	Brightener in copper electrolytes by voltammetry	16.09.2020	y	y	n
2.4	A0003728	1	Moderator in copper electrolytes by LC-UV	21.12.2021	y	y	n
2.9	A0003730	1	Brightener in copper electrolytes by voltammetry	28.09.2020	y	y	n
2.9	A0003751	1	Leveller in copper electrolytes by voltammetry	16.11.2020	y	y	n
2.4	A0003763	1	Additive and Brightener in zinc electrolytes by LC-UV	18.12.2020	y	y	y
2.9	A0003778	1	Brightener in copper electrolytes by voltammetry	31.01.2021	y	y	n
2.9	A0003779	1	Leveller in copper electrolytes by voltammetry	31.01.2021	y	y	n
2.9	A0003780	1	Correction in copper electrolytes by voltammetry	31.01.2021	y	y	n
2.4	A0003781	1	Moderator in copper electrolytes by LC-UV	01.02.2021	y	y	n
2.4	A0003782	1	Moderator in copper electrolytes by LC-UV	01.02.2021	y	y	n
2.4	A0003783	1	Moderator in copper electrolytes by LC-UV	01.02.2021	y	y	n
2.4	A0003784	1	Moderator in copper electrolytes by LC-UV	01.02.2021	y	y	n
2.9	A0003786	1	Brightener in copper electrolytes by voltammetry	05.02.2021	y	y	n
2.9	A0003787	2	Correction in copper electrolytes by voltammetry	11.10.2021	y	y	n
2.9	A0003789	1	Brightener in copper electrolytes by voltammetry	11.02.2021	y	y	n
2.9	A0003790	1	Correction in copper electrolytes by voltammetry	11.02.2021	y	y	n
2.9	A0003792	2	Brightener in copper electrolytes by voltammetry	11.02.2021	y	y	n
2.9	A0003794	2	Leveller in copper electrolytes by voltammetry	11.02.2021	y	y	n
2.9	A0003795	2	Brightener in copper electrolytes by voltammetry	27.01.2025;	y	y	n
2.9	A0003796	2	Leveller in copper electrolytes by voltammetry	31.01.2025;	y	y	n
2.5	A0003797	1	Basic Solution in copper electrolytes by Photometry	15.02.2021	y	y	n
2.1	A0003798	1	Copper in copper electrolytes by Redox-Titration	15.02.2021	y	y	n
2.4	A0003814	2	Brightener in zinc electrolytes by LC-UV	19.04.2023	y	y	n
2.4	A0003820	1	Carrier in zinc-nickel electrolytes by LC-UV	25.03.2021	y	y	y
2.4	A0003822	1	Carrier in zinc-nickel electrolytes by LC-UV	25.03.2021	y	y	n
2.5	A0003826	1	Basic Solution in copper electrolytes by Photometry	06.04.2021	y	y	n
2.1	A0003827	1	Copper in copper electrolytes by Redox-Titration	06.04.2021	y	y	n
2.9	A0003848	1	Brightener in copper electrolytes by voltammetry	07.05.2021	y	y	n
2.9	A0003849	1	Leveller in copper electrolytes by voltammetry	07.05.2021	y	y	n
2.9	A0003855	1	Brightener in copper electrolytes by voltammetry	06.05.2021	y	y	n
2.9	A0003857	1	Leveller in copper electrolytes by voltammetry	06.05.2021	y	y	n
2.9	A0003858	1	Brightener in copper electrolytes by voltammetry	06.05.2021	y	y	n
2.9	A0003859	1	Correction in copper electrolytes by voltammetry	06.05.2021	y	y	n
2.9	A0003860	1	Leveller in copper electrolytes by voltammetry	06.05.2021	y	y	n
2.9	A0003866	1	Brightener in copper electrolytes by voltammetry	27.05.2021	y	y	n
2.9	A0003867	1	Leveller in copper electrolytes by voltammetry	27.05.2021	y	y	n
2.9	A0003870	2	Brightener in copper electrolytes by voltammetry	28.11.2022	y	y	n
2.9	A0003871	1	Correction in copper electrolytes by voltammetry	03.06.2021	y	y	n
2.9	A0003873	1	Correction in copper electrolytes by voltammetry	08.06.2021	y	y	n
2.9	A0003881	1	Leveller in copper electrolytes by voltammetry	11.06.2021	y	y	n
2.9	A0003882	1	Brightener in copper electrolytes by voltammetry	10.06.2021	y	y	n
2.9	A0003883	1	Correction in copper electrolytes by voltammetry	11.06.2021	y	y	n
2.6	A0003892	1	Silver in silver electrolytes by F-AAS	12.04.2023	y	y	n
2.7	A0003893	1	Ruthenium (Ru) in galvanic electrolytes by ICP-OES	26.07.2021	y	y	n
2.6	A0003894	2	Silver in silver additives by F-AAS	22.02.2022	y	y	n
2.9	A0003899	2	Correction in copper electrolytes by voltammetry	20.09.2021	y	y	n
2.6	A0003900	1	Palladium in activators by F-AAS	04.06.2021	y	y	n
2.5	A0003901	1	Palladium in activators by photometry	04.06.2021	y	y	n
2.5	A0003902	1	Palladium in activators by photometry	04.06.2021	y	y	n
2.5	A0003921	1	Palladium in activators by photometry	31.08.2021	y	y	n
2.5	A0003922	1	Palladium in activators by photometry	31.08.2021	y	y	n
2.6	A0003923	1	Palladium in activators by F-AAS	31.08.2021	y	y	n
2.9	A0003926	2	Brightener in copper electrolytes by voltammetry	29.09.2021	y	y	n

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2.9	A0003927	2	Correction in copper electrolytes by voltammetry	29.09.2021	y	y	n
2.9	A0003929	1	Brightener in copper electrolytes by voltammetry	08.09.2021	y	y	n
2.9	A0003930	2	Leveller in copper electrolytes by voltammetry	07.11.2023	y	y	n
2.9	A0003931	1	Brightener in copper electrolytes by voltammetry	08.09.2021	y	y	n
2.9	A0003932	1	Leveller in copper electrolytes by voltammetry	08.09.2021	y	y	n
2.9	A0003938	1	Brightener in copper electrolytes by voltammetry	22.09.2021	y	y	n
2.9	A0003939	1	Leveller in copper electrolytes by voltammetry	22.09.2021	y	y	n
2.9	A0003940	1	Brightener in copper electrolytes by voltammetry	16.09.2021	y	y	n
2.9	A0003941	1	Leveller in copper electrolytes by voltammetry	09.09.2021	y	y	n
2.9	A0003942	2	Leveller in copper electrolytes by voltammetry	18.05.2022	y	y	n
2.9	A0003943	1	Correction in copper electrolytes by voltammetry	04.10.2021	y	y	n
2.9	A0003944	2	Brightener in copper electrolytes by voltammetry	18.05.2022	y	y	n
2.5	A0003954	1	Basic Solution in copper electrolytes by Photometry	13.10.2021	y	y	n
2.1	A0003955	1	Copper in copper electrolytes by Redox-Titration	13.10.2021	y	y	n
2.9	A0003957	1	Brightener in copper electrolytes by voltammetry	04.11.2021	y	y	n
2.9	A0003959	1	Leveller in copper electrolytes by voltammetry	12.10.2021	y	y	n
2.4	A0003969	1	Complexing Agents in gold electrolytes by LC-UV	06.12.2021	y	y	n
2.4	A0003971	1	Reduction solution in gold electrolyte by LC-UV	07.12.2021	y	y	n
2.9	A0003977	1	Brightener in copper electrolytes by voltammetry	13.12.2021	y	y	n
2.9	A0003978	1	Leveller in copper electrolytes by voltammetry	13.12.2021	y	y	n
2.4	A0003985	2	Moderator in copper electrolytes by LC-UV	30.06.2022	y	y	n
2.9	A0003997	1	Brightener in copper electrolytes by voltammetry	10.01.2022	y	y	n
2.9	A0003998	1	Correction in copper electrolytes by voltammetry	10.01.2022	y	y	n
2.9	A0003999	1	Leveller in copper electrolytes by voltammetry	10.01.2022	y	y	n
2.9	A0004008	3	Correction in copper electrolytes by voltammetry	26.07.2023	y	y	n
2.9	A0004010	3	Brightener in copper electrolytes by voltammetry	05.08.2024	y	y	n
2.4	A0004022	1	Moderator in copper electrolytes by LC-UV	07.02.2022	y	y	n
2.9	A0004031	1	Leveller in copper electrolytes by voltammetry	14.02.2022	y	y	n
2.9	A0004032	1	Brightener in copper electrolytes by voltammetry	11.02.2022	y	y	n
2.9	A0004033	1	Leveller in copper electrolytes by voltammetry	11.02.2022	y	y	n
2.9	A0004039	1	Brightener in copper electrolytes by voltammetry	28.02.2022	y	y	n
2.9	A0004041	1	Correction in copper electrolytes by voltammetry	28.02.2022	y	y	n
2.4	A0004047	1	Complexing Agents in nickel electrolytes by LC-UV	25.03.2022	y	y	n
2.4	A0004048	1	Reduction solution in copper electrolyte by LC-UV	27.04.2022	y	y	n
2.9	A0004050	1	Correction in copper electrolytes by voltammetry	04.05.2022	y	y	n
2.9	A0004051	1	Brightener in copper electrolytes by voltammetry	26.04.2022	y	y	n
2.9	A0004052	1	Leveller in copper electrolytes by voltammetry	26.04.2022	y	y	n
2.9	A0004061	1	Brightener in copper electrolytes by voltammetry	07.06.2022	y	y	n
2.9	A0004062	3	Correction in copper electrolytes by voltammetry	14.08.2023	y	y	n
2.3	A0004065	1	Nitrate in Nickel Electrolytes by IC-UV	22.06.2022	n	n	n
2.4	A0004068	1	Reduction solution in gold electrolyte by LC-UV	06.07.2022	y	y	n
2.4	A0004069	1	Complexing Agents in gold electrolytes by LC-UV	06.07.2022	y	y	n
2.9	A0004076	1	Leveller in copper electrolytes by voltammetry	20.07.2022	y	y	n
2.9	A0004077	1	Brightener in copper electrolytes by voltammetry	20.07.2022	y	y	n
2.9	A0004095	2	Leveller in copper electrolytes by voltammetry	25.01.2022	y	y	n
2.9	A0004096	1	Brightener in copper electrolytes by voltammetry	21.12.2022	y	y	n
2.9	A0004097	1	Correction in copper electrolytes by voltammetry	21.12.2022	y	y	n
2.9	A0004107	1	Brightener in copper electrolytes by voltammetry	18.11.2022	y	y	n
2.9	A0004109	1	Correction in copper electrolytes by voltammetry	18.11.2022	y	y	n
2.9	A0004110	1	Brightener in copper electrolytes by voltammetry	18.11.2022	y	y	n
2.9	A0004112	1	Correction in copper electrolytes by voltammetry	18.11.2022	y	y	n
2.9	A0004113	2	Brightener in copper electrolytes by voltammetry	24.05.2024	y	y	n
2.9	A0004114	1	Leveller in copper electrolytes by voltammetry	18.11.2022	y	y	n
2.9	A0004115	3	Correction in copper electrolytes by voltammetry	08.11.2024	y	y	n
2.9	A0004126	1	Leveller in copper electrolytes by voltammetry	21.12.2022	y	y	n
2.9	A0004127	1	Brightener in copper electrolytes by voltammetry	21.12.2022	y	y	n
2.9	A0004128	1	Correction in copper electrolytes by voltammetry	21.12.2022	y	y	n
2.7	A0004144	1	Ti, Ag, Cr, Fe, Mn and Ni in etches by ICP-OES	02.02.2023	y	y	n
2.9	A0004146	1	Correction in copper electrolytes by voltammetry	25.01.2023	y	y	n
2.9	A0004147	1	Brightener in copper electrolytes by voltammetry	25.01.2023	y	y	n
2.9	A0004154	1	Leveller in copper electrolytes by voltammetry	01.02.2023	y	y	n
2.9	A0004155	1	Brightener in copper electrolytes by voltammetry	01.02.2023	y	y	n
2.9	A0004156	1	Correction in copper electrolytes by voltammetry	01.02.2023	y	y	n

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2.1	A0004172	1	Copper in copper electrolytes by Redox-Titration	10.02.2023	y	y	n
2.5	A0004173	1	Basic Solution in copper electrolytes by Photometry	10.02.2023	y	y	n
2.5	A0004174	1	Basic Solution in copper electrolytes by Photometry	15.02.2023	y	y	n
2.4	A0004177	1	Moderator in copper electrolytes by LC-UV	15.02.2023	y	y	n
2.6	A0004183	1	Silver in silver additives by F-AAS	12.04.2023	y	y	n
2.9	A0004187	1	Correction in copper electrolytes by voltammetry	12.05.2023	y	y	n
2.9	A0004189	1	Brightener in copper electrolytes by voltammetry	12.05.2023	y	y	n
2.9	A0004190	1	Correction in copper electrolytes by voltammetry	30.05.2023	y	y	n
2.9	A0004192	1	Brightener in copper electrolytes by voltammetry	30.05.2023	y	y	n
2.5	A0004194	1	Basic Solution in copper electrolytes by Photometry	29.06.2023	y	y	n
2.1	A0004195	2	Copper in copper electrolytes by Redox-Titration	26.07.2023	y	y	n
2.3	A0004201	4	Stabilizer in gold electrolytes by IC	25.07.2024	y	y	n
2.9	A0004203	2	Correction in copper electrolytes by voltammetry	28.06.2023	y	y	n
2.9	A0004204	2	Brightener in copper electrolytes by voltammetry	28.06.2023	y	y	n
2.9	A0004210	1	Brightener in copper electrolytes by voltammetry	18.08.2023	y	y	n
2.9	A0004211	1	Leveller in copper electrolytes by voltammetry	18.08.2023	y	y	n
2.9	A0004220	1	Correction in copper electrolytes by voltammetry	25.07.2023	y	y	n
2.9	A0004222	3	Brightener in copper electrolytes by voltammetry	06.10.2023	y	y	n
2.9	A0004227	1	Brightener in copper electrolytes by voltammetry	23.08.2023	y	y	n
2.9	A0004229	1	Correction in copper electrolytes by voltammetry	23.08.2023	y	y	n
2.9	A0004234	1	Brightener in copper electrolytes by voltammetry	26.09.2023	y	y	n
2.4	A0004235	1	Reduction solution in nickel electrolyte by LC-UV	05.10.2023	y	y	n
2.9	A0004243	1	Leveller in copper electrolytes by voltammetry	17.11.2023	y	y	n
2.9	A0004247	1	Correction in copper electrolytes by voltammetry	22.11.2023	y	y	n
2.9	A0004249	1	Leveller in copper electrolytes by voltammetry	22.11.2023	y	y	n
2.9	A0004250	1	Brightener in copper electrolytes by voltammetry	22.11.2023	y	y	n
2.4	A0004252	2	Carrier and Brightener in nickel electrolytes by LC-UV	19.06.2024	y	y	n
2.9	A0004253	1	Leveller in copper electrolytes by voltammetry	24.11.2023	y	y	n
2.9	A0004254	1	Brightener in copper electrolytes by voltammetry	24.11.2023	y	y	n
2.9	A0004255	1	Brightener in copper electrolytes by voltammetry	27.11.2023	y	y	n
2.9	A0004256	1	Leveller in copper electrolytes by voltammetry	27.11.2023	y	y	n
2.9	A0004257	1	Correction in copper electrolytes by voltammetry	27.11.2023	y	y	n
2.9	A0004263	1	Brightener in copper electrolytes by voltammetry	23.11.2023	y	y	n
2.9	A0004265	1	Correction in copper electrolytes by voltammetry	23.11.2023	y	y	n
2.9	A0004268	1	Correction in copper electrolytes by voltammetry	06.02.2024	y	y	n
2.9	A0004269	1	Brightener in copper electrolytes by voltammetry	06.02.2024	y	y	n
2.9	A0004270	1	Brightener in copper electrolytes by voltammetry	22.01.2024	y	y	n
2.9	A0004271	1	Leveller in copper electrolytes by voltammetry	22.01.2024	y	y	n
2.9	A0004272	1	Correction in copper electrolytes by voltammetry	22.01.2024	y	y	n
2.9	A0004276	1	Leveller in copper electrolytes by voltammetry	06.02.2024	y	y	n
2.9	A0004277	1	Brightener in copper electrolytes by voltammetry	06.02.2024	y	y	n
2.9	A0004285	1	Correction in copper electrolytes by voltammetry	21.02.2024	y	y	n
2.9	A0004286	1	Brightener in copper electrolytes by voltammetry	21.02.2024	y	y	n
	A0004289	1	Complexer in gold electrolytes by LC-UV	30.07.2024	y	y	n
	A0004290	1	Complexer in gold electrolytes by LC-UV	30.07.2024	y	y	n
	A0004291	1	Complexer in gold electrolytes by LC-UV	30.07.2024	y	y	n
2.3	A0004292	1	Reducer in palladium electrolytes using IC	18.07.2024	y	y	n
	A0004294	1	Complexer in gold electrolytes by LC-UV	18.07.2024	y	y	n
	A0004306	1	Leveller and Brightener in nickel electrolytes by LC-UV	26.03.2024	y	y	n
2.9	A0004314	1	Brightener in copper electrolytes by voltammetry	04.04.2024	y	y	n
2.9	A0004315	1	Leveller in copper electrolytes by voltammetry	04.04.2024	y	y	n
2.4	A0004317	1	Moderator in copper electrolytes by LC-UV	31.01.2025	y	y	n
2.5	A0004318	1	Cuprad Ultra A (DR) in copper electrolytes by photometry	13.05.2024	y	y	n
2.9	A0004319	2	Brightener in copper electrolytes by voltammetry	04.06.2024	y	y	n
2.9	A0004321	2	Leveller in copper electrolytes by voltammetry	03.06.2024	y	y	n
	A0004325	1	Complexer in gold electrolytes by LC-UV	21.05.2024	y	y	n
2.5	A0004329	1	Cuprad LED E Part A in copper electrolytes by photometry	17.05.2024	y	y	n
2.9	A0004332	1	Brightener in copper electrolytes by voltammetry	05.07.2024	y	y	n
2.9	A0004334	1	Leveller in copper electrolytes by voltammetry	05.07.2024	y	y	n
2.7	A0004335	2	Semiquantitative Screening for 47 Elements in galvanic baths by ICP-OES	14.02.2025	y	y	y
2.9	A0004339	2	Correction in copper electrolytes by voltammetry	10/03/2025	y	y	n
2.9	A0004340	1	Brightener in copper electrolytes by voltammetry	17.06.2024	y	y	n
2.9	A0004353	1	Leveller in copper electrolytes by voltammetry	06.08.2024	y	y	n

Test area	AV-No.	Version	Titel External (analyte, matrix, method)	Date	BRLN	WERD	TREB
2.9	A0004354	1	Brightener in copper electrolytes by voltammetry	06.08.2024	y	y	n
2.9	A0004355	1	Correction in copper electrolytes by voltammetry	06.08.2024	y	y	n
2.9	A0004391	1	Leveller in copper electrolytes by voltammetry	17.12.2024	y	y	n
2.9	A0004392	1	Brightener in copper electrolytes by voltammetry	17.12.2024	y	y	n
2.9	A0004396	1	Brightener in copper electrolytes by voltammetry	06.02.2025	y	y	n
2.9	A0004398	1	Correction in copper electrolytes by voltammetry	06.02.2025	y	y	n

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2.10	5360-PHY-07	Density-Measurement with Density meter in Products and Raw Materials	31.01.2025	y	y	y
2.10	5686-PHY-09	Potentiometric pH-measuremen tin Products and Raw Materials	08.12.2020	y	y	y
2.5	8288-UV-02	Stabilizer in Nickel Additives by Photometry	03.09.2022	y	y	y
2.9	8373-POL-06	Lead, Cadmium and Copper in Organic Raw Materials by Voltammetry	27.09.2024	y	y	n
2.3	8457-IC-08	Anions in Palladium Raw Materials by IC	04.03.2022	y	y	n
2.1	8542-TIT-02	Nitric acid (HNO3) in Raw Materials by Titration	02.02.2024	y	y	y
2.1	8558-TIT-03	Sodium Chloride in Products and Raw Materials by Titration	09.10.2012	y	y	y
2.7	8595-ICP-04	Fe in Tin Products by ICP-OES	20.10.2017	y	y	n
2.7	8596-ICP-05	Trace metals in Nickel Raw Materials by ICP-OES	21.03.2018	y	y	n
2.3	8919-IC-04	Anions in Chromic Acid by IC	15.11.2013	y	y	n
2.1	9268-TIT-13	Chloride in Raw Materials by Titration	06.01.2025	y	y	n
2.1	9272-TIT-08	Chloride in Raw Materials by Titration	21.12.2020	y	y	y
2.9	9288-CVS-03	Activity of Copper Additives by CVS	23.08.2016	y	y	n
2.1	9289-TIT-04	Wetting agent in Neopact Conditioner UX by PVSK-Titration	19.07.2024	y	y	n
2.9	9659-CVS-07	Activity of Levellers by CVS	29.05.2019	y	y	n
2.9	9666-CVS-46	Accelerator/Brightener Activity in acid copper electrolytes by CVS	26.07.2024	y	y	n
2.9	9671-CVS-01	Activity of Brighteners in iron containing acid copper electrolytes by CPVS	18.01.2005	y	y	n
2.3	9796-IC-07	Reducing agent and Acid in Tin Additives by IC	26.02.2024	y	y	n
2.6	9882-AAS-03	Gold (Au) in Raw Materials by F-AAS	21.10.2024	y	y	n
2.9	9890-CVS-02	Activity of Copper Additives by CVS	14.05.2020	y	y	n
2.1	9948-TIT-11	Methane sulfonic acid in Raw Materials by Titration	21.12.2020	y	y	y
2.9	10012POL-02	Stabilizer in Raw Materials by Voltammetry	10.07.2015	y	y	n
2.1	10212TIT-04	Nickel in Nickel Bath Solutions by Titration	15.07.2020	y	y	y
2.6	10255-AES-02	Potassium (K) in Reducing Agent by F-AES	05.01.2023	y	y	n
2.1	10322-TIT-08	Sn(II) in in Raw Materials by Titration	07.11.2019	y	y	n
2.7	10348-ICP-01	Trace metals in Copper Products by ICP-OES	24.01.2006	y	y	y
2.7	10354-ICP-02	Trace metals in Copper Products by ICP-OES	01.08.2022	y	y	y
2.6	10395AAS-06	Palladium (Pd) in Raw Materials by F-AAS	04.03.2022	y	y	n
2.8	10453PMS-03	Trace metals in Gold Additives by ICP-MS	11.03.2016	y	n	n
2.9	10501POL-02	Stabilizer in Trichrome Additives by Polarography	29.09.2015	y	y	n
2.5	10594UV-04	Cr(VI) in Trichrome Products by Photometry	05.09.2014	y	y	y
2.2	10595GC-14	Solvents in Sweller/Stripper by GC-FID	25.06.2021	y	n	n
2.9	10753POL-03	Stabilizer in e`less Nickel Additives by Polarography	23.11.2023	y	y	n
2.6	10765AAS-12	Trace metals in Organic acid by F-AAS	06.01.2025	y	y	n
2.1	10777TIT-14	Methane sulfonic acid in Raw Materials by Titration	06.01.2025	y	y	n
2.9	10792POL-04	Stabilizer in Raw Materials and Products by Voltammetry	19.08.2024	y	y	n
2.1	11007TIT-04	Sodium hypophosphite 1-hydrate in e`less Nickel Products by Titration	06.07.2023	y	y	y
2.4	11011LC-08	Brightener in Copper Additives by LC-UV	01.02.2022	y	y	y
2.7	11032ICP-08	Trace metals in Copper Raw Materials by ICP-OES	13.07.2022	y	y	n
2.7	11033ICP-02	Trace metals in Iron Raw Materials by ICP-OES	27.04.2018	y	y	n
2.1	11050TIT-04	Copper in Copper Products by Titration	23.11.2023	y	y	y
2.1	11051TIT-10	Chloride in Copper Products by Titration	22.04.2021	y	y	n
2.1	11052TIT-04	Sulfuric Acid (H2SO4) in Copper Products by Titration	27.10.2022	y	y	y
2.1	11057TIT-05	Sodium Permanganate (NaMnO4) in Permanganate Etches by Titration	28.06.2016	y	y	y
2.7	11069ICP-11	Trace metals in Copper Products by ICP-OES	22.04.2021	y	y	y
2.7	11070ICP-03	Trace metals in Copper Products by ICP-OES	24.07.2017	y	y	y
2.7	11071ICP-02	Trace metals in Copper Products by ICP-OES	16.12.2021	y	y	y
2.1	11074TIT-03	Nickel in Nickel Products by Titration	12.09.2024	y	y	y
2.3	11080IC-02	Catalyst in acid Chrom Additives by IC	29.06.2009	y	y	n
2.6	11103AAS-02	Stabilizer in e`less Nickel Additives by F-AAS	06.10.2017	y	y	y
2.1	11111TIT-04	Sulfuric acid (50 % w/w) in Copper Products by Titration	29.08.2019	y	y	y
2.9	11118CVS-06	Plating Performance of Copper Raw Materials by CVS	13.07.2022	y	y	n
2.1	11134TIT-04	Complexer in Raw Materials by Titration	16.10.2024	y	y	y
2.1	11135TIT-02	Copper in e`less Copper Additives by Titration	15.10.2019	y	y	y
2.1	11148TIT-08	Amines in Raw Materials by Titration	13.09.2019	y	y	y
2.6	11240AAS-01	Cr, Co in Trichrome Products by F-AAS	10.04.2008	y	y	y
2.3	11318IC-01	Catalyst in Solids by IC	23.07.2008	y	y	n
2.6	11320AAS-04	Pd and Sn (total) in Activators by F-AAS	22.05.2018	y	y	y
2.1	11321TIT-02	Sn(II) in Activators by Titration	30.01.2009	y	y	n

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2.7	11363ICP-03	Trace metals in Copper Additives by ICP-OES	02.11.2017	y	y	y
2.7	11458ICP-09	Trace metals in Palladium Additives by ICP-OES	13.08.2020	y	y	n
2.7	11459ICP-13	Trace metals in Palladium Additives by ICP-OES	26.09.2022	y	y	n
2.7	11464ICP-08	Trace metals in Palladium Additives by ICP-OES	29.10.2024	y	y	n
2.1	11489TIT-02	Sodium hydroxide in Products by Titration	15.11.2024	y	y	y
2.2	11535GC-06	Methanol in Reduction Solutions by GC-FID	31.01.2025	y	y	n
2.9	11555CVS-05	Activity of Copper Additives by CVS	25.01.2019	y	y	n
2.1	11567TIT-03	Copper in Copper Products by Titration	26.06.2020	y	y	n
2.7	11598ICP-09	Trace metals in Copper Additives by ICP-OES	22.04.2020	y	y	y
2.7	11599ICP-13	Trace metals in Copper Additives by ICP-OES	15.11.2021	y	y	y
2.6	11623AAS-05	Stabilizer in e`less Nickel Additives by F-AAS	23.05.2023	y	y	y
2.1	11636TIT-07	Reducing agent in Raw Materials by Titration	28.08.2019	y	y	y
2.2	11637GC-08	Methanol in Reduction Solutions by GC-FID	28.08.2019	y	n	n
2.1	11682TIT-03	Chloride in Products by Titration	22.12.2015	y	y	y
2.1	11701TIT-01	Chromic acid in Raw Materials by Titration	12.02.2009	y	y	y
2.4	11725LC-03	Stabilizer in e`less Nickel Products by LC-UV	10.02.2025	y	y	n
2.4	11726LC-04	Complexer in e`less Nickel Additives by LC-UV	31.07.2023	y	y	y
2.4	11727LC-03	Complexer in e`less Nickel Additives by LC-UV	05.07.2021	y	y	y
2.4	11727LC-05	Complexer in e`less Nickel Additives by LC-UV	31.07.2023	y	y	y
2.1	11734TIT-03	Sulfuric Acid (H2SO4) in Raw Materials by Titration	02.12.2024	y	y	y
2.1	11734TIT-04	Sulfuric Acid (H2SO4) in Raw Materials by Titration	07.03.2025	y	y	y
2.6	11743AAS-07	Iron (Fe) in Copper Products by F-AAS	11.04.2018	y	y	y
2.7	11744ICP-05	Trace metals in Copper Products by ICP-OES	22.04.2021	y	y	y
2.7	11823ICP-04	Trace metals in Copper Products by ICP-OES	12.11.2021	y	y	y
2.7	11824ICP-03	Trace metals in Copper Products by ICP-OES	12.07.2017	y	y	y
2.6	11899AAS-03	Iron (Fe) in Copper Products by F-AAS	04.12.2017	y	y	y
2.7	11952ICP-06	Trace metals in Palladium Raw Materials by ICP-OES	04.03.2022	y	y	n
2.6	11974AAS-04	Brightener in Silver Additives by F-AAS	26.11.2021	y	y	y
2.7	12019ICP-08	Trace metals in Nickel Raw Materials by ICP-OES	03.04.2024	y	y	y
2.6	12066AAS-04	Nickel in Zn/Ni Products by F-AAS	22.10.2020	y	y	y
2.3	12079IC-11	Chloride in Silver Additives by IC	08.02.2023	y	y	n
2.7	12178ICP-03	Trace metals in Zinc Raw Materials by ICP-OES	20.10.2022	y	y	n
2.9	12198CVS-04	Activity of Copper Additives by CVS	29.05.2019	y	y	n
2.4	12285LC-03	Organic component in Bonding Enhancement Additives by LC-UV	20.09.2017	y	y	y
2.8	12304PMS-06	Trace metals in Copper Products by ICP-MS	04.02.2021	y	n	n
2.9	12330POL-05	Stabilizer in e`less Nickel Additives by Polarography	27.06.2024	y	y	n
2.1	12350TIT-01	Sodium Hydroxide in Cleaner Products by Titration	02.03.2010	y	y	y
2.7	12384ICP-07	Trace metals in Nickel Additives by ICP-OES	26.06.2024	y	y	n
2.9	12403CVS-02	Activity of Copper Additives by CVS	31.08.2015	y	y	n
2.4	12431LC-01	Organic component in Bonding Enhancement Additives by LC-UV	22.04.2010	y	y	y
2.6	12436AAS-06	Nickel in Zn/Ni Products by F-AAS	15.08.2016	y	y	y
2.1	12445TIT-01	Sodium Hydroxide in Raw Materials by Titration	30.04.2010	y	y	y
2.1	12446TIT-02	Chloride in Post Treatment Products by Titration	22.10.2024	n	n	n
2.6	12447AES-02	Sodium (Na) in Post Treatment Products by Titration	22.10.2024	y	y	n
2.6	12500AAS-06	Chromium (Cr) in Trichrome Products by F-AAS	27.11.2019	y	y	y
2.6	12566AAS-02	Cobalt (Co) in Trichrome Products by F-AAS	28.03.2011	y	y	y
2.6	12573AAS-01	Palladium (Pd) in Activators by F-AAS	22.10.2019	y	y	y
2.4	12574LC-02	Complexer in e`less Nickel Additives by LC-UV	03.09.2010	y	y	y
2.7	12735ICP-04	Trace metals in Copper Additives by ICP-OES	26.01.2016	y	y	n
2.3	12737IC-01	Anions in acid Copper Additives	27.10.2010	y	y	n
2.9	12817CVS-02	Activity of Copper Additives by CVS	15.05.2018	y	y	n
2.7	12849ICP-02	Trace metals in Silver Raw Materials by ICP-OES	04.05.2020	y	y	n
2.3	12861IC-09	Complexer in Palladium Additives by IC	12.09.2024	y	y	n
2.3	12957IC-08	Nitrate in Copper Additives by IC	21.04.2022	y	y	n
2.3	13016IC-06	Complexer in Palladium Additives by IC	15.12.2017	y	y	n
2.7	13218ICP-03	Trace metals in Copper Additives by ICP-OES	05.09.2016	y	y	n
2.7	13219ICP-16	Trace metals in Copper Additives by ICP-OES	23.11.2021	y	y	n
2.9	13242POL-02	Stabilizer in e`less Nickel Additives by Polarography	05.11.2019	y	y	n
2.6	13274AES-05	Sodium (Na) in Copper Additivesr by F-AES	14.12.2017	y	y	n

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2.7	13275ICP-04	Trace metals in Copper Additives by ICP-OES	22.02.2018	y	y	n
2.9	13326POL-06	Stabilizer in e`less Nickel Additives by Polarography	19.02.2016	y	y	n
2.6	13340AAS-06	Palladium (Pd) in Activator by F-AAS	26.06.2015	y	y	n
2.4	13369LC-03	Complexer in e`less Nickel Additives by LC-UV	30.01.2025	y	y	n
2.4	13372LC-05	Complexer in Activators by RP-LC	26.06.2015	y	y	y
2.1	13390TIT-03	Chloride in Nickel Bath Solutions by Titration	15.07.2020	y	y	y
2.9	13391POL-02	Stabilizer in e`less Nickel Additives by Polarography	28.01.2019	y	y	n
2.7	13415ICP-03	Trace metals in Nickel Raw Materials by ICP-OES	19.12.2016	y	y	n
2.9	13515CVS-03	Activity of Organic Raw Materials by CVS	29.11.2021	y	y	n
2.9	13517CVS-02	Activity of Copper Additives by CVS	11.01.2017	y	y	n
2.7	13569ICP-02	Trace metals in Tin Additives by ICP-OES	02.03.2022	y	y	n
2.7	13570ICP-02	Trace metals in Tin Additives by ICP-OES	19.04.2022	y	y	n
2.7	13571ICP-02	Trace metals in Tin Additives by ICP-OES	10.03.2022	y	y	n
2.9	13609POL-03	Stabilizer in e`less Nickel Additives by Polarography	19.04.2022	y	y	n
2.1	13624TIT-10	Reducing agent in Reduction Solutions / Conditioner by Titration	20.12.2021	y	y	y
2.9	13641CVS-32	Leveller/Suppressor/Carrier/Wetting agent Activity by CVS	17.01.2025	y	y	n
2.9	13641CVS-33	Leveller/Suppressor/Carrier/Wetting agent Activity by CVS	12.03.2025	y	y	n
2.6	13669AAS-12	Iron(III) in Etching Additives by F-AAS	19.03.2019	y	y	y
2.1	13671TIT-08	Chloride in Copper Etch Additives by Titration	09.12.2021	y	y	y
2.6	13672AAS-15	Copper (Cu) in Etching Additives by F-AAS	19.03.2019	y	y	y
2.1	13673TIT-17	Iron(II) in Copper Etch Additives by Titration	01.12.2022	y	y	y
2.6	13687AES-05	Potassium in Etching Additives by F-AES	23.05.2016	y	y	n
2.3	13832IC-03	Catalyst N and T in Chrom Additives by IC	24.03.2015	y	y	n
2.9	13844CVS-06	Activity of Copper Additives by CVS	07.11.2019	y	y	n
2.9	13858CVS-06	Activity of Copper Additives by CVS	25.01.2024	y	y	n
2.7	13909ICP-03	Trace metals in Palladium Raw Materials by ICP-OES	05.08.2024	y	y	n
2.5	13942UV-03	Complexer in e`less Copper Additives by UV-Spectrometry	13.10.2016	y	y	y
2.5	13948UV-06	Stabilizer in e`less Copper Additives by Photometry	21.02.2020	y	y	y
2.7	13968ICP-04	Palladium (Pd) Activators by ICP-OES	12.09.2024	y	y	n
2.5	13981UV-01	Stabilizer in e`less Copper Additives by Photometry	02.09.2013	y	y	y
2.4	13986LC-05	Complexer in e`less Nickel Additives by Titration	18.04.2016	y	y	y
2.7	14043ICP-07	Trace metals in Palladium Raw Materials by ICP-OES	14.12.2020	y	y	n
2.9	14057CVS-02	Activity of Copper Additives by CVS	25.04.2016	y	y	n
2.9	14058CVS-02	Activity of Copper Additives by CVS	25.04.2016	y	y	n
2.8	14083PMS-04	Trace metals in Copper Additives by ICP-MS	21.09.2024	y	n	n
2.7	14144ICP-02	Stabilizer in e`less Nickel Additives by ICP-OES	27.04.2022	y	y	n
2.6	14191AES-04	Potassium in Raw Materials by F-AES	09.02.2024	y	y	n
2.8	14207PMS-03	Trace metals in Copper Additives by ICP-MS	06.08.2019	y	n	n
2.7	14208ICP-06	Trace metals in Copper Additives by ICP-OES	23.06.2016	y	y	y
2.4	14209LC-02	Brightener in Copper Additives by LC-UV	09.11.2017	y	y	y
2.7	14212ICP-05	Trace metals in Etching Additives by ICP-OES	18.08.2022	y	y	n
2.9	14213CVS-06	Activity of Copper Additives by CVS	29.10.2018	y	y	n
2.2	14215GC-02	Solvent in Cleaner by GC-FID	10.01.2019	y	n	n
2.7	14295ICP-08	Trace metals in Copper Additives by ICP-OES	15.11.2021	y	y	y
2.9	14338CVS-02	Activity of Copper Additives by CVS	11.07.2024	y	y	n
2.9	14339CVS-02	Activity of Copper Additives by CVS	20.03.2015	y	y	n
2.5	14363UV-01	Stabilizer in e`less Copper Additives by Photometry	01.07.2014	y	y	y
2.5	14364UV-02	Stabilizer in e`less Copper Additives by Photometry	07.07.2015	y	y	y
2.9	14428CVS-04	Activity of Copper Additives by CVS	21.01.2020	y	y	n
2.9	14438POL-04	Stabilizer in Nickel Raw Materials by Voltammetry	03.04.2024	y	y	n
2.7	14443ICP-01	Trace metals in Zincate Additives by ICP-OES	29.05.2015	y	y	n
2.7	14467ICP-02	Trace metals in Nickel Additives by ICP-OES	13.08.2024	y	y	n
2.7	14469ICP-05	Trace metals in Zincate Additives by ICP-OES	25.04.2022	y	y	n
2.9	14491CVS-07	Activity of Copper Additives by CVS	24.08.2018	y	y	n
2.9	14492CVS-02	Activity of Copper Additives by CVS	17.07.2015	y	y	n
2.7	14511ICP-01	Trace metals in Copper Additives by ICP - OES	20.10.2014	y	y	n
2.6	14512AES-02	Sodium (Na) in Copper Additives by F-AES	29.10.2018	y	y	n
2.7	14514ICP-14	Iron in Copper Additives by ICP - OES	09.05.2019	y	y	y
2.7	14517ICP-05	Trace metals in Copper Additives by ICP-OES	20.04.2020	y	y	y

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2.7	14543ICP-03	Trace metals in Gold Raw Materials by ICP - OES	23.06.2022	y	y	n
2.6	14544AAS-02	Gold (Au) in Raw Materials by F-AAS	25.01.2017	y	y	n
2.9	14557POL-06	Stabilizer in e'less Nickel Additives by Polarography	17.07.2023	y	y	n
2.6	14563AAS-02	Stabilizer in e'less Nickel Additives by F-AAS	01.03.2023	y	y	y
2.6	14565AES-08	Potassium in Bonding Enhancement Additives by F-AES	13.07.2022	y	y	n
2.3	14570IC-05	Catalyst in acid Chrom Additives by IC	19.09.2024	y	y	n
2.9	14573CVS-02	Activity of Copper Additives by CVS	04.04.2023	y	y	n
2.7	14574ICP-06	Trace metals in Zincate Additives by ICP-OES by ICP-OES (FACT)	11.04.2022	y	y	n
2.7	14586ICP-03	Trace metals in Zincate Products by ICP-OES	17.06.2015	y	y	n
2.7	14588ICP-02	Trace metals in Nickel Additives by ICP-OES	29.08.2024	y	y	n
2.7	14589ICP-02	Iron (Fe) in Reduction Solutions by ICP - OES	29.08.2024	y	y	n
2.7	14591ICP-10	Trace metals in Conditioner Additives by ICP - OES	13.02.2023	y	y	n
2.7	14592ICP-07	Trace metals in Etching Additives by ICP - OES	05.04.2022	y	y	n
2.3	14600IC-10	Catalyst in acid Chrom Additives by IC	29.11.2024	y	y	n
2.9	14605CVS-02	Activity of Copper Additives by CVS	13.12.2021	y	y	n
2.9	14606CVS-02	Activity of Copper Additives by CVS	13.12.2021	y	y	n
2.9	14607CVS-01	Activity of Copper Additives by CVS	06.01.2015	y	y	n
2.7	14609ICP-02	Trace metals in Tin Additives by ICP-OES	20.10.2016	y	y	n
2.9	14617CVS-01	Activity of Copper Additives by CVS	12.01.2015	y	y	n
2.7	14618ICP-03	Trace metals in Palladium Additives by ICP-OES	05.01.2015	y	y	n
2.9	14638CVS-01	Activity of Copper Additives by CVS	06.02.2015	y	y	n
2.9	14650CVS-01	Activity of Copper Additives by CVS	26.02.2015	y	y	n
2.9	14651CVS-01	Activity of Copper Additives by CVS	26.02.2015	y	y	n
2.9	14659POL-03	Tin(II) in Activators by Polarography	19.10.2015	n	y	n
2.9	14665CVS-01	Activity of Organic Raw Materials by CVS	24.03.2015	y	y	n
2.7	14670ICP-04	Trace metals in Nickel Additives by ICP-OES	29.08.2024	y	y	n
2.7	14671ICP-04	Trace metals in Nickel Additives by ICP-OES	14.08.2024	y	y	n
2.4	14682LC-02	Brightener in Copper Additives by LC-UV	25.04.2016	y	y	y
2.7	14687ICP-01	Trace metals in Zn/Fe Additives by ICP-OES	14.04.2015	y	y	n
2.7	14703ICP-03	Trace metals in Nickel Additives by ICP-OES	05.07.2018	y	y	n
2.7	14704ICP-06	Trace metals in Palladium Additives by ICP-OES	27.09.2022	y	y	n
2.7	14705ICP-05	Trace metals in Etching Additives by ICP - OES	18.08.2022	y	y	n
2.7	14706ICP-02	Trace metals in Copper Products by ICP-OES	14.04.2022	y	y	y
2.4	14707LC-07	Organic component by LC-UV	09.06.2020	y	y	y
2.5	14713UV-02	Complexer in e'less Copper Additives by UV-Spectrometry	20.07.2016	y	y	y
2.5	14714UV-02	Complexer in e'less Copper Additives by UV-Spectrometry	20.07.2016	y	y	y
2.5	14721UV-02	Complexer/Stabilizer in Tin Additives by Photometry	01.12.2017	y	y	y
2.7	14771ICP-08	Trace metals in Conditioner Additives by ICP-OES	13.02.2023	y	y	n
2.9	14783CVS-01	Activity of Copper Additives by CVS	13.07.2015	y	y	n
2.9	14784CVS-01	Activity of Copper Additives by CVS	13.07.2015	y	y	n
2.6	14785AAS-05	Stabilizer in e'less Nickel Additives by F-AAS	08.02.2023	y	y	y
2.7	14786ICP-01	Trace metals in Silver Additives by ICP - OES	03.07.2015	y	y	n
2.9	14795CVS-03	Activity of Copper Additives by CVS	05.11.2015	y	y	n
2.7	14799ICP-08	Trace metals in Tin Raw Materials by ICP-OES	07.11.2019	y	y	n
2.9	14801CVS-01	Activity of Etching Additives by CVS	04.08.2015	y	y	n
2.9	14802CVS-02	Activity of Etching Additives by CVS	14.11.2017	y	y	n
2.9	14836CVS-03	Activity of Copper Additives by CVS	14.03.2018	y	y	n
2.9	14840CVS-01	Activity of Copper Additives by CVS	27.08.2015	y	y	n
2.9	14848CVS-03	Activity of Copper Additives by CVS	09.09.2024	y	y	n
2.9	14849CVS-02	Activity of Copper Additives by CVS	28.08.2018	y	y	n
2.9	14852CVS-01	Activity of Copper Additives by CVS	09.09.2015	y	y	n
2.9	14853CVS-07	Activity of Organic Raw Materials by CVS	16.10.2024	y	y	n
2.9	14861POL-14	Stabilizer in e'less Nickel Additives by Polarography	04.11.2019	y	y	n
2.9	14868CVS-01	Activity of Copper Additives by CVS	23.09.2015	y	y	n
2.4	14871LC-13	Brightener Copper Additives by LC-UV	01.12.2023	y	y	n
2.7	14872ICP-13	Trace metals in Copper Additives by ICP - OES	29.04.2020	y	y	y
2.6	14874AES-15	Sodium (Na) in Copper Additives by F-AES	09.02.2021	y	y	n
2.9	14875POL-01	Stabilizer in e'less Nickel Additives by Polarography	02.03.2016	y	y	n
2.9	14922CVS-10	Activity of Copper Additives by CVS	26.07.2024	y	y	n

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Test area	Analytical method	Titel external (analyte, matrix, method)	Released	BRLN	WERD	TREB
2.7	14923ICP-02	Ag,Cd,Co,Cr,Cu,Fe,Ni,Pb,Sn,Zn in waste water by ICP-OES according DIN EN ISO 11885 (E22)	26.11.2018	y	y	n
2.4	14926LC-01	Organic Acid in Exchange Additives by LC-UV	18.11.2015	y	y	n
2.9	14930CVS-01	Activity of Copper Additives by CVS	27.01.2016	y	y	n
2.9	14937CVS-01	Activity of Copper Additives by CVS	02.12.2015	y	y	n
2.6	14953AES-02	Potassium in Etching Additives by F-AES	22.09.2020	y	y	n
2.9	14955CVS-02	Activity of Copper Additives by CVS	02.05.2017	y	y	n
2.9	14958CVS-01	Activity of Copper Additives by CVS	22.08.2016	y	y	n
2.4	15014LC-03	Organic component in Copper Additives by LC-UV	30.03.2016	y	y	n
2.9	15017CVS-01	Activity of Etching/Cleaner Additives by CVS	07.04.2016	y	y	n
2.7	15046ICP-02	Trace metals in Gold Additives by ICP – OES	31.01.2018	y	y	n
2.7	15048ICP-04	Copper and Iron in in Gold Additives by ICP – OES	10.05.2022	y	y	n
2.2	15051GC-05	Methanol in Reduction Solutions by GC-FID	31.01.2025	y	n	n
2.9	15134CVS-03	Activity of Copper Additives by CVS	18.04.2019	y	y	n
2.9	15151CVS-01	Activity of Organic Raw Materials by CVS	09.05.2016	y	y	n
2.6	15154AAS-05	Nickel in e'less Copper Products by F-AAS	25.03.2020	y	y	y
2.5	15155UV-06	Complexer in e'less Copper Products by Photometry	09.02.2024	y	y	n
2.7	15159ICP-01	Trace metals in Gold Additives by ICP – OES	14.06.2016	y	y	n
2.7	15165ICP-08	Trace metals in Nickel Raw Materials by ICP-OES	19.06.2024	y	y	n
2.7	15174ICP-04	Trace metals in Tin Raw Materials by ICP-OES	07.11.2019	y	y	n
2.4	15177LC-10	Organic Acids in Tin Additives by LC-UV	01.11.2019	y	y	n
2.4	15178LC-10	Organic component in Tin Additives by LC-UV	19.12.2024	y	y	n
2.3	15179IC-06	Reducing agent and Acid in Tin Additives by IC	08.11.2022	y	y	n
2.9	15181CVS-01	Activity of Copper Additives by CVS	23.05.2016	y	y	n
2.7	15182ICP-04	Trace metals in Copper Additives by ICP - OES	22.01.2018	y	y	y
2.1	15185TIT-03	Chloride in Bonding Enhancement Products by Titration	02.11.2023	y	y	n
2.3	15191IC-01	Chloride in Bonding Enhancement Products by IC	27.05.2016	y	y	n
2.7	15195ICP-01	Active agent in e'less Nickel Additives by ICP-OES	29.08.2016	y	y	n
2.9	15196CVS-01	Activity of Copper Additives by CVS	01.06.2016	y	y	n
2.9	15203CVS-01	Activity of Copper Additives by CVS	15.06.2016	y	y	n
2.6	15215AAS-02	Sodium (Na) in Copper Additives by F-AES	21.10.2016	y	y	n
2.6	15225AAS-03	Potassium (K) inCopper Additives by F-AAS	15.01.2018	y	y	n
2.9	15269CVS-03	Activity of Copper Additives by CVS	28.11.2019	y	y	n
2.9	15270CVS-03	Activity of Copper Additives by CVS	21.11.2019	y	y	n
2.9	15280POL-05	Stabilizer in Nickel Raw Materials by Polarography	23.06.2021	y	y	n
2.9	15287CVS-01	Activity of Etching/Cleaner Additives by CVS	17.10.2016	y	y	n
2.9	15288CVS-01	Activity of Etching/Cleaner Additives by CVS	19.10.2016	y	y	n
2.7	15297ICP-03	Trace metals in Hydrochloric acid by ICP - OES	22.01.2018	y	y	n
2.9	15301CVS-02	Activity of Copper Additives by CVS	16.06.2017	y	y	n
2.9	15303CVS-02	Activity of Copper Additives by CVS	23.01.2017	y	y	n
2.9	15304CVS-03	Activity of Copper Additives by CVS	23.01.2017	y	y	n
2.4	15305LC-05	Active agent in Spherolyte Ni Additive W FF / MOD or NiW Wetting Agent by LC-CAD	27.11.2019	y	y	y
2.9	15318CVS-01	Activity of Etching/Cleaner Additives by CVS	16.11.2016	y	y	n
2.9	15319CVS-01	Activity of Etching/Cleaner Additives by CVS	16.11.2016	y	y	n
2.9	15332CVS-01	Activity of Copper Additives by CVS	01.12.2016	y	y	n
2.9	15336POL-01	Stabilizer in e'less Nickel Additives by Polarography	23.11.2016	y	y	n
2.7	15351ICP-01	Acid in e'lees Nickel Additives by ICP-OES	10.01.2017	y	y	n
2.2	15360GC-01	Solvents in Sweller Additives by GC-FID	09.12.2016	y	n	n
2.9	15381CVS-02	Activity of Copper Additives by CVS	31.01.2017	y	y	n
2.9	15382CVS-01	Activity of Copper Additives by CVS	20.01.2017	y	y	n
2.9	15383CVS-01	Activity of Copper Additives by CVS	20.01.2017	y	y	n
2.9	15387CVS-02	Activity of Copper Additives by CVS	06.03.2018	y	y	n
2.9	15405CVS-02	Activity of Copper Additives by CVS	22.01.2019	y	y	n
2.9	15408CVS-01	Activity of Copper Additives by CVS	30.01.2017	y	y	n
2.9	15470CVS-01	Activity of Copper Additives by CVS	28.03.2017	y	y	n
2.9	15471CVS-01	Activity of Copper Additives by CVS	28.03.2017	y	y	n
2.9	15472CVS-01	Activity of Copper Additives by CVS	28.03.2017	y	y	n
2.9	15502CVS-01	Activity of Copper Additives by CVS	12.05.2017	y	y	n
2.9	15505CVS-01	Activity of Copper Additives by CVS	12.05.2017	y	y	n
2.8	15524PMS-03	Trace metals in e'less Copper Additives by ICP-MS	04.09.2019	y	n	n

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Test area	Analytical method	Titel external (analyte, matrix, method)	Released	BRLN	WERD	TREB
2.8	15526PMS-03	Trace metals in e'less Copper Additives by ICP-MS	25.05.2018	y	n	n
2.9	15537CVS-01	Activity of Copper Additives by CVS	12.06.2017	y	y	n
2.3	15560IC-09	Anions in Soldering Additives by IC	24.04.2024	y	y	n
2.9	15561CVS-01	Activity of Copper Additives by CVS	29.06.2017	y	y	n
2.9	15562CVS-01	Activity of Copper Additives by CVS	29.06.2017	y	y	n
2.9	15563CVS-01	Activity of Copper Additives by CVS	29.06.2017	y	y	n
2.9	15569CVS-03	Activity of Copper Additives by CVS	13.07.2020	y	y	n
2.7	15572ICP-01	Trace metals in Gold Additives by ICP – OES	05.07.2017	y	y	n
2.9	15575CVS-01	Activity of Copper Additives by CVS	06.07.2017	y	y	n
2.9	15581CVS-01	Activity of Copper Additives by CVS	07.07.2017	y	y	n
2.9	15582CVS-01	Activity of Copper Additives by CVS	07.07.2017	y	y	n
2.8	15593PMS-04	Trace metals in e'less Copper Additives by ICP-MS	05.09.2019	y	n	n
2.8	15594PMS-02	Trace metals in e'less Copper Additives by ICP-MS	14.06.2018	y	n	n
2.8	15595PMS-04	Trace metals in e'less Copper Additives by ICP-MS	28.05.2018	y	n	n
2.6	15604AAS-01	Potassium in Etching Additives by F-AAS	07.09.2017	y	y	n
2.8	15605PMS-05	Trace metals in e'less Copper Additives by ICP-MS	05.09.2019	y	n	n
2.6	15606AAS-06	Sodium and Potassium e'less Copper Products by F-AAS	31.05.2018	y	y	n
2.8	15607PMS-02	Trace metals in e'less Copper Additives by ICP-MS	17.10.2017	y	n	n
2.8	15609PMS-04	Trace metals in e'less Copper Additives by ICP-MS	05.09.2019	y	n	n
2.8	15611PMS-04	Trace metals in e'less Copper Additives by ICP-MS	11.03.2020	y	n	n
2.8	15612PMS-03	Trace metals in e'less Copper Additives by ICP-MS	05.09.2019	y	n	n
2.8	15613PMS-02	Trace metals in e'less Copper Additives by ICP-MS	17.10.2017	y	n	n
2.7	15619ICP-04	Iron (Fe) in e'less Copper Raw Materials by ICP - OES	21.06.2021	y	y	n
2.8	15622PMS-03	Trace metals in e'less Copper Additives by ICP-MS	11.03.2020	y	n	n
2.8	15623PMS-03	Trace metals in e'less Copper Additives by ICP-MS	31.05.2018	y	n	n
2.6	15624AAS-05	Iron (Fe) in Etching Additives by F-AAS	07.12.2022	y	y	y
2.9	15625CVS-02	Activity of Copper Additives by CVS	02.11.2017	y	y	n
2.5	15634UV-01	Complexer in e'less Copper Additives by UV-Spectrometry	23.08.2017	y	y	n
2.9	15649CVS-02	Activity of Copper Additives by CVS	24.09.2018	y	y	n
2.9	15670CVS-01	Activity of Copper Additives by CVS	19.09.2017	y	y	n
2.7	15675ICP-01	Trace metals in Palladium Raw Materials by ICP-OES	29.11.2017	y	y	n
2.9	15678CVS-01	Activity of Copper Additives by CVS	23.11.2017	y	y	n
2.4	15704LC-01	Stabilizer in e'less Copper Additives by LC-UV	15.01.2019	n	y	n
2.4	15707LC-09	Organic component in Bonding Enhancement Additives by LC-UV	02.11.2023	y	y	n
2.1	15735TIT-01	Reducing agent in Reduction Solutions by Titration	10.11.2017	y	y	y
2.7	15736ICP-03	Active agent in e'less Copper Additives by ICP-OES	30.05.2018	y	y	n
2.5	15739UV-01	Stabilizer in Nickel Additives by Photometry	17.11.2017	y	y	y
2.9	15741CVS-03	Activity of Copper Additives by CVS	27.04.2018	y	y	n
2.7	15744ICP-05	Trace metals in Nickel Raw Materials by ICP-OES	07.01.2025	y	y	n
2.4	15745LC-01	Organic component in Bonding Enhancement Additives by LC-UV	29.11.2017	y	y	y
2.9	15750CVS-01	Activity of Copper Additives by CVS	01.12.2017	y	y	n
2.9	15751CVS-01	Activity of Copper Additives by CVS	04.01.2018	y	y	n
2.9	15752CVS-01	Activity of Copper Additives by CVS	04.01.2018	y	y	n
2.6	15755AAS-08	Copper and/or Iron in Soldering Additives by F-AAS	27.03.2024	y	y	n
2.7	15763ICP-07	Trace metals in Cleaner Products by ICP-OES	11.02.2021	y	y	n
2.7	15764ICP-02	Trace metals in e'less Copper Additives by ICP-OES	25.05.2018	y	y	y
2.9	15766CVS-01	Activity of Copper Additives by CVS	30.01.2018	y	y	n
2.9	15767CVS-03	Activity of Copper Additives by CVS	17.07.2023	y	y	n
2.7	15768ICP-02	Trace metals in Bonding Additives by ICP-OES	21.07.2020	y	y	n
2.7	15771ICP-05	Trace metals in e'less Copper Additives by ICP-OES	16.11.2020	y	y	n
2.7	15772ICP-11	Trace metals in e'less Copper Additives by ICP-OES	12.03.2021	y	y	n
2.9	15775CVS-01	Activity of Copper Additives by CVS	04.01.2018	y	y	n
2.9	15785CVS-04	Activity of Copper Additives by CVS	28.05.2018	y	y	n
2.7	15800ICP-01	Trace metals in Copper Additives by ICP - OES	09.02.2018	y	y	y
2.9	15802CVS-03	Activity of Copper Additives by CVS	26.02.2019	y	y	n
2.9	15807CVS-01	Activity of Copper Additives by CVS	19.02.2018	y	y	n
2.9	15816CVS-01	Activity of Organic Raw Materials by CVS	29.03.2018	y	y	n
2.9	15826CVS-01	Activity of Copper Additives by CVS	26.03.2018	y	y	n
2.9	15829CVS-01	Activity of Copper Additives by CVS	26.03.2018	y	y	n

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Test area	Analytical method	Titel external (analyte, matrix, method)	Released	BRLN	WERD	TREB
2.7	15839ICP-06	Trace metals in e`less Copper Additives by ICP-OES	16.11.2020	y	y	n
2.7	15841ICP-01	Trace metals in e`less Copper Additives by ICP-OES	29.05.2018	y	y	n
2.7	15842ICP-04	Trace metals in Activators by ICP-OES	27.03.2020	y	y	n
2.7	15843ICP-06	Trace metals in e`less Copper Additives by ICP-OES	16.11.2020	y	y	n
2.7	15844ICP-01	Trace metals in e`less Copper Additives by ICP-OES	29.05.2018	y	y	n
2.7	15845ICP-02	Trace metals in e`less Copper Additives by ICP-OES	04.09.2019	y	y	n
2.5	15850UV-01	Chromium(VI) TriSeal 300 EP by UV-Spectrometry	09.05.2018	y	y	y
2.7	15852ICP-02	Trace metals in Phosphorous acid by ICP-OES	31.05.2024	y	y	n
2.8	15856PMS-02	Trace metals in Iron Raw Materials by ICP-MS	27.03.2024	y	n	n
2.9	15859CVS-01	Activity of Copper Additives by CVS	17.05.2018	y	y	n
2.4	15861LC-04	Stabilizer in e`less Copper Additives by LC-UV	19.12.2022	y	y	n
2.4	15861LC-05	Stabilizer in e`less Copper Additives by LC-UV	07.03.2025	y	y	n
2.5	15865UV-04	Stabilizer in e`less Copper Additives by Photometry	21.05.2024	y	y	n
2.9	15874CVS-02	Activity of Copper Additives by CVS	19.06.2018	y	y	n
2.9	15877CVS-02	Activity of Copper Additives by CVS	01.03.2019	y	y	n
2.7	15885ICP-01	Trace metals in Copper Additives by ICP - OES	30.10.2018	y	y	n
2.9	15904CVS-01	Activity of Copper Additives by CVS	24.08.2018	y	y	n
2.4	15909LC-01	Organic component in acidic Bonding Enhancement Additives by LC-UV	04.09.2018	y	y	n
2.4	15910LC-01	Organic component in alkaline Bonding Enhancement Additives by LC-UV	04.09.2018	y	y	n
2.7	15915ICP-01	Trace metals in Cobalt Raw Materials by ICP-OES	12.09.2018	y	y	n
2.7	15916ICP-01	Trace metals in Cobalt Raw Materials by ICP-OES	12.09.2018	y	y	n
2.7	15920ICP-03	Trace metals in Nickel Raw Materials by ICP-OES	29.01.2019	y	y	n
2.9	15921POL-03	Stabilizer in Nickel Raw Materials by Polarography	30.01.2019	y	y	n
2.9	15926POL-01	Stabilizer in e`less Nickel Additives by Polarography	25.09.2018	y	y	n
2.6	15937AES-06	Potassium in Etch Cleaner Additives by F-AES	02.11.2023	y	y	n
2.8	15956PMS-02	Trace metals in Copper Additives by ICP-MS	25.04.2023	y	n	n
2.8	15956PMS-05	Trace metals in Copper Additives by ICP-MS	09.01.2024	y	n	n
2.8	15957PMS-02	Trace metals in Copper Additives by ICP-MS	25.04.2023	y	n	n
2.8	15958PMS-05	Trace metals in Copper Additives by ICP-MS	02.07.2024	y	n	n
2.9	15962CVS-01	Activity of Copper Additives by CVS	04.12.2018	y	y	n
2.9	15973CVS-01	Activity of Copper Additives by CVS	21.12.2018	y	y	n
2.9	15986CVS-01	Activity of Copper Additives by CVS	16.01.2019	y	y	n
2.8	15989PMS-01	Trace metals in Copper Additives by ICP-MS	22.01.2019	y	n	n
2.9	15992CVS-02	Activity of Copper Additives by CVS	07.02.2019	y	y	n
2.9	16003CVS-04	Activity of Copper Additives by CVS	23.09.2019	y	y	n
2.6	16008AAS-01	Stabilizer in e`less Nickel Additives by F-AAS	11.05.2020	y	y	y
2.9	16010CVS-01	Activity of Copper Additives by CVS	06.03.2019	y	y	n
2.9	16012CVS-01	Activity of Copper Additives by CVS	06.03.2019	y	y	n
2.9	16017CVS-01	Activity of Copper Additives by CVS	22.02.2019	y	y	n
2.9	16018CVS-01	Activity of Copper Additives by CVS	22.02.2019	y	y	n
2.9	16019CVS-01	Activity of Etching/Cleaner Additives by CVS	29.03.2019	y	y	n
2.9	16020CVS-01	Activity of Copper Additives by CVS	04.04.2019	y	y	n
2.7	16021ICP-01	Trace metals in Copper Products by ICP - OES	16.04.2019	y	y	y
2.2	16022GC-07	Solvents in Bonding Enhancement Additives by GC-FID	19.03.2024	y	y	n
2.9	16030CVS-02	Activity of Copper Additives by CVS	30.04.2019	y	y	n
2.9	16032CVS-03	Activity of Etching/Cleaner Additives by CVS	15.09.2020	y	y	n
2.9	16043CVS-01	Activity of Copper Additives by CVS	28.05.2019	y	y	n
2.9	16047CVS-02	Activity of e`less Copper Additives by CVS	18.04.2024	n	y	n
2.9	16048CVS-01	Activity of Etching/Cleaner Additives by CVS	17.06.2019	y	y	n
2.9	16049CVS-02	Activity of Etching/Cleaner Additives by CVS	15.09.2020	y	y	n
2.9	16051CVS-03	Activity of Etching/Cleaner Additives by CVS	16.02.2021	y	y	n
2.8	16057PMS-12	Trace metals in Acids by ICP-MS	12.02.2024	y	n	n
2.8	16058PMS-07	Trace metals in Copper Additives by ICP-MS	26.01.2024	y	n	n
2.8	16059PMS-05	Trace metals in Copper Additives by ICP-MS	25.01.2024	y	n	n
2.8	16060PMS-03	Trace metals in Copper Additives by ICP-MS	26.02.2020	y	n	n
2.8	16061PMS-07	Trace metals in Copper Products by ICP-MS	25.01.2024	y	n	n
2.6	16065AES-10	Sodium and Potassium in Copper Products by F-AES	25.01.2024	y	y	n
2.6	16066AES-12	Sodium and Potassium in Acid by F-AES	12.02.2024	y	y	n
2.9	16078CVS-01	Plating Performance of CVS Solutions by CPVS	26.07.2019	y	y	n

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Test area	Analytical method	Titel external (analyte, matrix, method)	Released	BRLN	WERD	TREB
2.9	16086CVS-01	Activity of Copper Additives by CVS	07.08.2019	y	y	n
2.8	16088PMS-04	Trace metals in Copper Products by ICP-MS	05.02.2024	y	n	n
2.8	16089PMS-04	Trace metals in Acids by ICP-MS	29.11.2021	y	n	n
2.8	16089PMS-05	Trace metals in Acids by ICP-MS	05.02.2024	y	n	n
2.8	16090PMS-07	Trace metals in Acids by ICP-MS	05.02.2024	y	y	n
2.6	16092AES-04	Sodium (Na) and Potassium (K) in Copper Solutions by F-AES	05.02.2024	y	y	n
2.6	16093AES-04	Sodium (Na) and Potassium (K) in Acid by F-AAS	05.02.2024	y	y	n
2.9	16095CVS-01	Activity of Copper Additives by CVS	14.08.2019	y	y	n
2.9	16096CVS-01	Activity of Copper Additives by CVS	14.08.2019	y	y	n
2.2	16107GC-03	Solvents in Sweller Additives by GC-FID	02.11.2023	y	y	n
2.8	16122PMS-02	Trace metals in e`less Copper Additives by ICP-MS	11.03.2020	y	n	n
2.8	16125PMS-02	Trace metals in e`less Copper Additives by ICP-MS	11.03.2020	y	n	n
2.8	16127PMS-02	Trace metals in e`less Copper Additives by ICP-MS	11.03.2020	y	n	n
2.9	16129CVS-02	Activity of Copper Additives by CVS	05.05.2020	y	y	n
2.9	16132CVS-02	Activity of Copper Additives by CVS	01.11.2019	y	y	n
2.6	16133AES-01	Sodium (Na) and Potassium (K) e`less Copper Additives by F-AES	29.10.2019	y	y	n
2.6	16134AES-01	Sodium (Na) and Potassium (K) e`less Copper Additives by F-AES	29.10.2019	y	y	n
2.6	16135AES-01	Sodium (Na) and Potassium (K) e`less Copper Additives by F-AES	29.10.2019	y	y	n
2.4	16136LC-04	Formaldehyde acc. to EPA 8315A (SW-846), 1996-12 by LC-UV after derivatization	10.07.2020	n	y	n
2.7	16142ICP-04	Trace metals in Copper Additives by ICP - OES	15.07.2020	y	y	y
2.9	16157CVS-01	Activity of Organic Raw Materials by CVS	16.12.2019	y	y	n
2.9	16166POL-01	Stabilizer in e`less Nickel Additives by Polarography	03.02.2020	y	y	n
2.8	16167PMS-02	Trace metals in Organic Raw Materials by ICP-MS	29.11.2021	y	n	n
2.8	16168PMS-03	Trace metals in Copper Additives by ICP-MS	04.12.2024	y	n	n
2.1	16170TIT-03	Acid in Etch Cleaner Additives by Titration	02.11.2023	y	y	n
2.7	16176ICP-01	Trace metals in Premix NaOH 16% by ICP-OES	16.04.2020	y	y	n
2.8	16177PMS-21	Semiquantitative Analysis of Tungsten (W) in VMS, Additives and Raw Materials for SC Products	04.12.2024	y	n	n
2.9	16180CVS-01	Activity of Copper Additives by CVS	20.02.2020	y	y	n
2.8	16182PMS-03	Trace metals in Organic Raw Materials by ICP-MS	21.02.2024	y	n	n
2.4	16187LC-02	Brightener in Copper Additives by LC-UV	05.05.2020	y	y	n
2.7	16192ICP-01	Trace metals in Iron Raw Materials by ICP-OES	26.03.2020	y	y	n
2.7	16197ICP-01	Trace metals in e`less Copper Additives by ICP-OES	02.04.2020	y	y	n
2.7	16198ICP-01	Trace metals in e`less Copper Additives by ICP-OES	03.04.2020	y	y	n
2.7	16199ICP-01	Trace metals in e`less Copper Additives by ICP-OES	27.03.2020	y	y	n
2.7	16200ICP-01	Trace metals in e`less Copper Additives by ICP-OES	27.03.2020	y	y	n
2.9	16201CVS-02	Activity of Copper Additives by CVS	12.12.2023	y	y	n
2.9	16203CVS-01	Activity of Copper Additives by CVS	24.03.2020	y	y	n
2.9	16204CVS-01	Activity of Copper Additives by CVS	24.03.2020	y	y	n
2.10	16210PHY-05	Particle size average (d50) in graphite containing products	31.10.2023	n	n	n
2.7	16213ICP-01	Trace metals in e`less Copper Additives by ICP-OES	15.04.2020	y	y	n
2.7	16214ICP-01	Trace metals in e`less Copper Additives by ICP-OES	15.04.2020	y	y	y
2.7	16217ICP-01	Trace metals in Copper Additives by ICP - OES	17.04.2020	y	y	y
2.8	16220PMS-06	Trace metals in Copper Additives by ICP-MS	26.01.2024	y	n	n
2.7	16221ICP-01	Trace metals in Cobalt Raw Materials by ICP-OES	29.05.2020	y	y	n
2.7	16222ICP-01	Semiquantitative Analysis of Metal impurities in raw materials and formulations by ICP-OES	06.05.2020	y	y	n
2.9	16225CVS-01	Activity of Copper Additives by CVS	07.05.2020	y	y	n
2.9	16226CVS-01	Activity of Copper Additives by CVS	07.05.2020	y	y	n
2.9	16235CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16237CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16239CVS-02	Activity of Copper Additives by CVS	23.09.2020	y	y	n
2.9	16241CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16242CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16243CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16244CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16245CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16246CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16247CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.9	16248CVS-01	Activity of Copper Additives by CVS	14.04.2020	y	y	n
2.5	16251UV-02	Complexer/Stabilizer in Tin Additives by Photometry	24.01.2024	y	y	n

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2.9	16252CVS-02	Activity of Copper Additives by CVS	15.11.2021	y	y	n
2.9	16254CVS-01	Activity of Copper Additives by CVS	02.06.2020	y	y	n
2.9	16255CVS-02	Activity of Copper Additives by CVS	15.11.2021	y	y	n
2.9	16256CVS-01	Activity of Copper Additives by CVS	04.06.2020	y	y	n
2.2	16261GC-03	Solvents in Sweller Additives by GC-FID	13.10.2020	y	n	n
2.9	16281CVS-03	Activity of Copper Additives by CVS	14.10.2021	y	y	n
2.9	16282CVS-01	Activity of Copper Additives by CVS	21.07.2020	y	y	n
2.7	16286ICP-03	Trace metals in Palladium Raw Materials by ICP-OES	17.12.2020	y	y	n
2.9	16289CVS-01	Activity of Organic Raw Materials by CVS	04.08.2020	y	y	n
2.9	16300CVS-01	Activity of Copper Additives by CVS	14.09.2020	y	y	n
2.9	16301CVS-03	Activity of Copper Additives by CVS	29.01.2024	y	y	n
2.4	16357LC-04	Stabilizer in e-less Nickel Additives by LC-UV	08.11.2021	y	y	n
2.9	16359CVS-01	Activity of Organic Raw Materials by CVS	05.01.2020	y	y	n
2.9	16360CVS-01	Activity of Copper Additives by CVS	05.01.2020	y	y	n
2.9	16374CVS-01	Activity of Organic Raw Materials by CVS	11.02.2021	y	y	n
2.9	16377CVS-02	Activity of Organic Raw Materials by CVS	19.01.2024	y	y	n
2.4	16381LC-02	Formaldehyde by LC-UV after derivatization (Cu containing products)	19.10.2021	y	n	n
2.9	16391CVS-01	Activity of Copper Additives by CVS	26.03.2021	y	y	n
2.7	16398ICP-01	Trace metals in Zinc Raw Materials by ICP-OES	22.04.2021	y	y	n
2.9	16399CVS-04	Functional Test of CVS Solutions by CVS	15.12.2021	n	y	n
2.8	16410PMS-01	Trace metals in Copper Products by ICP-MS	28.05.2021	y	n	n
2.7	16431ICP-02	Trace metals Etching Additives by ICP-OES	19.08.2021		y	n
2.9	16444CVS-01	Activity of Copper Additives by CVS	30.08.2021	y	y	n
2.9	16445CVS-01	Activity of Copper Additives by CVS	30.08.2021	y	y	n
2.9	16447CVS-04	Activity of Copper Additives by CVS	07.06.2023	y	y	n
2.9	16453CVS-01	Activity of Copper Additives by CVS	22.09.2021	y	y	n
2.9	16454CVS-01	Activity of Copper Additives by CVS	22.09.2021	y	y	n
2.9	16455CVS-01	Activity of Copper Additives by CVS	27.09.2021	y	y	n
2.9	16461CVS-01	Activity of Copper Additives by CVS	08.10.2021	y	y	n
2.9	16468CVS-01	Activity of Copper Additives by CVS	26.10.2021	y	y	n
2.9	16481CVS-01	Activity of Copper Additives by CVS	15.11.2021	y	y	n
2.7	16489ICP-03	Stabilizer in e-less Nickel Additives by ICP-OES	29.07.2024	y	y	n
2.9	16495CVS-01	Activity of Copper Additives by CVS	14.12.2021	y	y	n
2.9	16497CVS-01	Activity of Copper Additives by CVS	16.12.2021	y	y	n
2.9	16510CVS-01	Activity of Copper Additives by CVS	01.02.2022	y	y	n
2.2	16516GC-01	Solvent in Soldering Additives by GC-FID	08.02.2022	y	n	n
2.7	16518ICP-01	Trace metals in Bonding Additives by ICP-OES	16.02.2022	y	y	n
2.6	16523AES-02	Sodium (Na) in Organic Compounds by F-AES	17.06.2022	y	y	n
2.6	16524AAS-06	Sodium (Na) in Copper Additives by F-AES	08.02.2024	y	y	n
2.6	16525AAS-05	Sodium (Na) in Copper Additives by F-AES	17.04.2024	y	y	n
2.8	16527PMS-04	Trace metals in Copper Additives by ICP-MS	25.01.2024	y	n	n
2.8	16528PMS-04	Trace metals in Organic Raw Materials by ICP-MS	09.02.2024	y	n	n
2.8	16529PMS-03	Trace metals in Copper Products by ICP-MS	08.02.2024	y	n	n
2.8	16530PMS-03	Trace metals in Copper Products by ICP-MS	08.02.2024	y	n	n
2.6	16531AES-02	Sodium (Na) in Copper Additives by F-AES	29.01.2024	y	y	n
2.9	16536CVS-01	Activity of Copper Additives by CVS	27.04.2022	y	y	n
2.9	16541CVS-02	Activity of Copper Additives by CVS	23.06.2022	y	y	n
2.9	16577POL-01	Stabilizer in Zincate Additives by Polarography	08.07.2022	y	y	n
2.9	16581CVS-01	Activity of Copper Additives by CVS	15.07.2022	y	y	n
2.9	16582CVS-02	Activity of Copper Additives by CVS	15.07.2022	y	y	n
2.9	16594CVS-01	Activity of Copper Additives by CVS	18.08.2022	y	y	n
2.9	16595CVS-01	Activity of Copper Additives by CVS	18.08.2022	y	y	n
2.9	16596CVS-01	Activity of Copper Additives by CVS	26.08.2022	y	y	n
2.9	16609CVS-01	Activity of Etching/Cleaner Additives by CVS	15.09.2022	y	y	n
2.9	16613CVS-01	Activity of Copper Additives by CVS	23.09.2022	y	y	n
2.7	16614ICP-01	Trace metals in Palladium Additives by ICP-OES	26.09.2022	y	y	n
2.9	16617CVS-01	Activity of Etching/Cleaner Additives by CVS	09.11.2022	y	y	n
2.7	16618ICP-01	Trace metals in Cleaner by ICP-OES	19.10.2022	y	y	n
2.5	16621UV-03	Komplexer in Printoganth Additives by UV-Spectrometry	31.01.2023	y	y	n

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Test area	Analytical method	Titel external (analyte, matrix, method)	Released	BRLN	WERD	TREB
2.9	16624CVS-02	Activity of Copper Additives by CVS	16.11.2022	y	y	n
2.7	16627ICP-01	Trace metals in Bonding Additives by ICP-OES	11.11.2022	y	y	n
2.8	16631PMS-02	Trace metals in Copper Products by ICP-MS	20.02.2023	y	n	n
2.7	16635ICP-01	Trace metals in Platinum Additives by ICP-OES	13.12.2022	y	y	n
2.9	16642CVS-01	Activity of Copper Additives by CVS	20.01.2023	y	y	n
2.9	16643POL-01	Stabilizer in e`less Nickel Additives by Polarography	27.01.2023	y	y	n
2.7	16644ICP-01	Stabilizer in e`less Nickel Additives by ICP-OES	27.01.2023	y	y	n
2.9	16645CVS-01	Activity of Copper Additives by CVS	27.01.2023	y	y	n
2.9	16646CVS-01	Activity of Copper Additives by CVS	27.01.2023	y	y	n
2.8	16662PMS-01	Trace metals in Copper Products by ICP-MS	05.04.2023	y	n	n
2.8	16663PMS-01	Trace metals in Copper Additives by ICP-MS	10.03.2023	y	n	n
2.8	16664PMS-02	Trace metals in Copper Additives by ICP-MS	12.11.2024	y	n	n
2.8	16665PMS-01	Trace metals in Copper Additives by ICP-MS	10.03.2023	y	n	n
2.7	16678ICP-01	Trace metals in Copper Additives by ICP - OES	27.03.2023	y	y	n
2.9	16684CVS-03	Activity of Etching/Cleaner Additives by CVS	11.10.2023	y	y	n
2.9	16686CVS-01	Activity of Tin Additives by CVS	29.03.2023	y	y	n
2.9	16691CVS-02	Activity of Copper Additives by CVS	12.05.2023	y	y	n
2.9	16697CVS-01	Activity of Copper Additives by CVS	20.04.2023	y	y	n
2.8	16704PMS-01	Trace metals in Copper Additives by ICP-MS	15.05.2023	y	n	n
2.7	16713ICP-01	Sodium (Na) in in Copper Additives by ICP - OES	21.06.2023	y	y	n
2.9	16718CVS-01	Activity of Copper Additives by CVS	11.07.2023	y	y	n
2.9	16719CVS-01	Activity of Copper Additives by CVS	11.07.2023	y	y	n
2.9	16722CVS-01	Activity of Copper Additives by CVS	24.07.2023	y	y	n
2.9	16725CVS-02	Activity of Organic Raw Materials by CVS	21.06.2024	y	y	n
2.7	16729ICP-05	Iron (Fe) as "contamination parameter" in various products by ICP-OES	11.12.2024	y	y	y
2.7	16736ICP-04	Iron (Fe) in Stripper Additives by ICP-OES	05.02.2024	y	y	n
2.9	16739CVS-03	Activity of Copper Additives by CVS	25.01.2024	y	y	n
2.9	16740CVS-01	Stabilizer in e`less Copper Additives by Polarography	10.10.2023	y	y	n
2.9	16746CVS-01	Activity of Tin Additives by CVS	21.11.2023	y	y	n
2.9	16749CVS-01	Activity of Copper Additives by CVS	24.11.2023	y	y	n
2.9	16755POL-03	Stabilizer in e`less Nickel Additives by Polarography	26.09.2024	y	y	n
2.9	16756POL-06	Stabilizer in e`less Nickel Additives by Polarography	05.12.2024	y	y	n
2.9	16757POL-02	Stabilizer in e`less Nickel Additives by Polarography	05.12.2024	y	y	n
2.9	16760CVS-01	Activity of Copper Additives by CVS	07.12.2023	y	y	n
2.9	16761CVS-01	Activity of Copper Additives by CVS	07.12.2023	y	y	n
2.7	16782ICP-01	Trace metals in Copper Additives by ICP - OES	21.03.2024	y	y	n
2.2	16785GC-01	Solvent in Soldering Additives by GC-FID	22.03.2024	y	y	n
2.9	16798CVS-05	Activity of Leveller / Correction Solution / Wetting agent by CVS	12.02.2025	y	y	n
2.9	16842CVS-01	Activity of Tin Additives by CVS	23.09.2024	y	y	n
2.9	16869CVS-01	Activity of Tin Additives by CVS	31.01.2025	y	y	n
2.8	16872PMS-01	Trace metals in Acids by ICP-MS	28.02.2025	y	y	n
2.1	16877TIT-01	Cr(III) in Trichrome Products by Titration	03.03.2025	y	y	y