


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 0667 Accredited to ISO/IEC 17025:2005	Assay Office Birmingham and Anchorcert Analytical (trading names of The Guardians of the Standard of Wrought Plate in Birmingham)	
	Issue No: 075	Issue date: 15 November 2017
	1 Moreton Street Birmingham B1 3AX	Contact: Haifa Jebari Tel: +44 (0)121 236 6951 E-Mail: haifa.jebari@theassayoffice.co.uk Website: www.assayofficebirmingham.com
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address AnchorCert Analytical 1 Moreton Street Birmingham B1 3AX	Local contact Haifa Jebari Tel: +44 (0)121-236 6951 Email: haifa.jebari@theassayoffice.co.uk Website: www. www.anchorcertanalytical.com	Materials sampling and analysis A
Address Assay Office Birmingham 1 Moreton Street Birmingham B1 3AX	Local contact Haifa Jebari Tel: +44 (0)121-236 6951 Email: haifa.jebari@theassayoffice.co.uk Website: www.assayofficebirmingham.com	Materials sampling and analysis B
Address Cooksons Sub Office Vittoria Street Birmingham B1 3NZ	Local contact No commercial enquiries	Metals sampling and analysis C
Address Curteis Sub Office Caia Lane Ellesmere Shropshire SY12 9EG	Local contact No commercial enquiries	Metals sampling and analysis D



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Location details	Activity	Location code	
Address Optima Sub Office 124 Hockley Hill Birmingham B18 5AN	Local contact No commercial enquiries	Metals sampling and analysis	E
Address Argos Sub Office California Drive Whitwood Freight Centre Castleford WF10 5QH	Local contact No commercial enquiries	Metals sampling and analysis	F
Address Domino Sub-Office 3-8 Vyse Street Birmingham B18 6LT	Local contact No commercial enquiries	Metals sampling and analysis	G
Address Hockley Mint Sub Office 65-66 Warstone Lane Birmingham B18 6NG	Local Contact No Commercial enquiries	Metals sampling and analysis	H
Address Mumbai Sub Office Unit 101 Andheri Mumbai 400096 India	Local Contact No Commercial enquiries	Metals sampling and analysis	I



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
METALS and ALLOYS Precious metal plated jewellery and related products Costume jewellery and related products	<u>Chemical Tests</u>		
	Nickel (releasable)	Nickel release sample preparation followed by inductively coupled plasma-optical emission spectrometry (ICP-OES) In-House Method 20A based on BS EN 1811:2011+A:2015	A
		Nickel release sample preparation followed by ICP-OES In-House Method 20B based on BS EN 16128:2011	A
	Quick Nickel Release	In-House Method 50A based on BS EN:1811:2011+A1:2015	A
	Nickel (simulated wear and release)	Wear and corrosion sample preparation In-House Method 23 based on BS EN 12472:2005 +A1:2009, Nickel release sample preparation Determination of nickel content by ICP-OES	A
Wrist watches	Determination of levels of toxic substances – Pb, Hg, Cd, Cr(VI), Br.	Documented In House Method IHM 074 - following applicable methodology specified in BS EN 62321:2009 & IEC 62321 - using ICP-OES, XRF and UV-vis	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
METALS and ALLOYS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods	
Lead in children's products (including children's jewellery)	Lead content 10 ppm to 100%	Documented in house method 60A based on CPSC-CH-E1001-08.3 using ICP-OES and microwave / hot plate dissolution to meet the requirements of CPSIA:2008	A
Lead in non-metal products (including children's products)	Lead content 10 ppm to 100%	Documented in house method 60A based on CPSC-CH-E1002-08.3 using ICP-OES and microwave / fusion dissolution to meet the requirements of CPSIA:2008	A
Lead in paint and surface coatings (including children's products)	Lead content 10 ppm to 100 %	16 CFR part 1303: Documented in house method 60A based on CPSC-CH-E1003-09.1 using ICP-OES and microwave dissolution to meet the requirements of CPSIA:2008	A
Jewellery Products - Polymers, metals (see metal group 1 list below) and inorganic non-metallic materials (Glass and Ceramics)	Determination of Lead and Cadmium	Documented in house method 60A using acid dissolution (metals), fusion methods (inorganic non metallics) or microwave (polymers) dissolution and ICP-OES to meet the requirements of California's Metal-Containing Jewellery Law	A



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METALS and ALLOYS (cont'd) Jewellery Products - Polymers, metals (see metal group list 1 below) and inorganic non-metallic materials (Glass and Ceramics)	<u>Chemical Tests</u> (cont'd) Determination of Lead and Cadmium	Documented In-House Methods Documented in house method 38A using acid dissolution (metals), fusion methods (inorganic non metallics) or microwave (polymers) dissolution and ICP-OES to meet the requirements of 1907/2006/EC (as amended by 552/2009/EC (and REACH Annex XVII)	A
METALS and ALLOYS (cont'd) Stainless Steel, Tin based Alloys, Copper/Zinc Alloys and Precious Metal Alloys (defined at metals group 1)	<u>Chemical Tests</u> (cont'd) Quantitative elemental analysis for the determination of Ag, Al, Au, As, B, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Ge, In, Ir, Li, Mg, Mn, Mo, Nb, Ni, P, Pb, Pd, Pt, Rh, Ru, Sb, Se, Si, Sn, Ta, Ti, V, Zn	Documented In-House Methods Acid dissolution followed by ICP-OES determination In-House Method 38	A
Stainless Steel, Tin based Alloys, Copper/Zinc Alloys and Precious Metal Alloys (defined at metals group 1) – Cont'd	Silver	Potentiometric technique In-House Method 3	A
	Gold	Gravimetric technique Acid dissolution followed by inductively coupled plasma-optical emission spectrometry In-House Method 36	A
Powder and sweep samples	Gold	Gravimetric technique In-House Method 4	A
	Silver	Gravimetric, volumetric and potentiometric techniques In-House Methods 4	A



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METALS and ALLOYS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods	
Precious metal articles for hallmarking	Sampling for the purpose of hallmarking	In-House Methods for sampling IHM 43A and Sub-Office sampling procedure	A B, C, D, E, F, G, H, I
Jewellery	Determination of coating thickness of gold on silver in the range 0.01µm to 20µm	In-house method 70 using XRF	A
METALS and ALLOYS	<u>Chemical Tests for the Purpose of Hallmarking</u>	Documented In-House Methods	
	Gold and platinum	Gravimetric technique and ICP-OES In-House Methods 1, 1A Cupellation method for the determination of Gold based on BS EN 11426: 2016	A
	Silver	Potentiometric technique In-House Method 3	A I
	Gold, silver, platinum and palladium determination	In-House Method 43A (head office and sub offices) using X-Ray Fluorescence spectroscopy	B, C, D, E, F, G, H, I
	Gold	In-House Methods 1 and 1A Cupellation method for the determination of Gold based on BS EN 11426: 2016	I



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MEDICAL/DENTAL MATERIALS	<u>Chemical Tests</u>	Documented In-House Methods	
Dental alloys	Determination of gold and silver	Cupellation (gravimetric determination) In-House Method 1	A
	Quantitative elemental analysis for the determination of Ag, Al, Au, As, B, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Ge, In, Ir, Li, Mg, Mn, Mo, Nb, Ni, P, Pb, Pd, Pt, Rh, Ru, Sb, Se, Si, Sn, Ta, Ti, V, Zn	Acid dissolution followed by ICP-OES determination In-House Method 38	A
Medical Dressings - Calcium Alginate Fabrics	Determination of Silver content	ICP-OES In-House Method 49 (including method validation to ICH document - Q2B: Nov 1996)	A
Medical Dressings and foams	Determination of Silver content	ICP-OES In-House Method 51	A
Arglaes Powder (used in medical fabrics)	Determination of Silver content	ICP-OES In-House Method 55	A



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<p>TOY MATERIAL (various toy parts (glitter, clear stones, plastic backing strip and sticky backs of numbers), paper, fleece fabric and metal disks</p> <p>Category I, Category II, & Category III (Soluble Elements)</p>	<p><u>Chemical Tests</u></p> <p>Elemental Release of Al, As, Ba, B, Cd, Co, Cu, Cr (total), Pb, Mn, Hg, Ni, Se*, Sr, Sn (total), Zn and Sb</p>	<p>Documented In-House Method</p> <p>In-House Method 57A To implement EN71-3:2013, table 2, Using acid extraction, and ICP(OES) for Cat I, Cat II and Cat III materials</p> <p>To implement EU Directive 2009/48/EC (and Amd 2012/7EU)</p>	A
END			