



Scope of Accreditation

Universal Scientific Laboratory Pty Ltd

Site

Revesby Site

Accreditation No.	Site No.	Date of Accreditation
492	485	27 Oct 1964

Address	Contact	Availability
Unit 12, 65 Marigold Street Revesby, NSW 2212 Australia usl.com.au	Mr William Ting P: +61(02)97715592 Info@USL.com.au	Services available to external clients

Revesby Site

ISO/IEC 17025 (2017)

Environment

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE
Analysis for elements	Leachates	Antimony; Arsenic; Beryllium; Cadmium; Chromium; Iron; Lead; Molybdenum; Nickel; Selenium; Silver	Atomic absorption spectroscopy (AAS) - Flame	APHA 3111 and in-house method P70
Analysis for physical and chemical characteristics	Leachates; Solid wastes	Inorganic contaminants	Leachate procedures	in-house method P70

ISO/IEC 17025 (2017)

Human Testing for Workplace and/or Community Screening

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE
Monitoring for heavy metals, organometals and trace elements	Blood	Lead	Atomic absorption spectroscopy (AAS)- Graphite furnace	in-house method USL P201

ISO/IEC 17025 (2017)

Materials

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATIONS
Analysis of metals and alloys	Aluminium and aluminium alloys	Silicon	UV-vis spectrophotometry	BS 1728.2	
		Chromium; Copper; Iron; Lead; Magnesium; Manganese; Nickel; Silicon; Tin; Titanium; Zinc	Atomic absorption spectroscopy (AAS) - Flame	in-house method A30 M100	
		Cast irons; High alloy steels; Stainless steels	Aluminium - Total; Chromium; Copper; Manganese; Nickel; Vanadium	Atomic absorption spectroscopy (AAS) - Flame	ASTM E350, E352 and E353
		Carbon; Sulfur	Dumas	in-house method P016	
		Nitrogen	Titration	in-house method A30 M72	
		Phosphorus; Silicon	UV-vis spectrophotometry	ASTM E351, E352 and E353	
		Aluminium - Total; Chromium; Copper; Manganese; Molybdenum; Nickel; Silicon; Titanium; Vanadium	Atomic absorption spectroscopy (AAS) - Flame	in-house method A30 M100	
	Copper and copper alloys	Manganese	Atomic absorption spectroscopy (AAS) - Flame	AS 1515.2 and in-house method A30 M100	
		Aluminium; Antimony; Arsenic; Bismuth; Chromium; Iron; Magnesium; Nickel; Silicon; Tellurium; Tin; Zinc	Atomic absorption spectroscopy (AAS) - Flame	in-house method A30 M100	
		Lead	Atomic absorption spectroscopy (AAS) - Flame	AS 1515.1 and in-house method A30 M100	including tests for purposes of compliance with NSF/ANSI/CAN 372 (Clause 7.2)

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATIONS
		Copper	Titration	BS 1748.2 and in-house method A30 M21	
		Tellurium	Titration	ASTM E121	
		Phosphorus	UV-vis spectrophotometry	BS 1748.8 and in-house method A30 M25	
		Tin	Titration	BS 1748.6 and in-house method A30 M22	
		Cadmium	Atomic absorption spectroscopy (AAS) - Flame	AS 1515.5 and in-house method A30 M100	
		Copper	Gravimetric; Titration	ASTM E53 and E121	
		Silicon	UV-vis spectrophotometry	BS 1748.7	
		Sulfur	Dumas	in-house method P016	
		Aluminium	Titration	in-house method A30 M23	
	Lead and lead alloys	Antimony	Titration	AS 1671.1, 2 and 3 and in-house method A30 M01	
		Tin	Titration	AS 1671.4 and in-house method A30 M04	
		Aluminium; Antimony; Arsenic; Bismuth; Cadmium; Calcium; Cobalt; Copper; Iron; Lead; Manganese; Nickel; Selenium; Silver; Tellurium; Tin; Zinc	Atomic absorption spectroscopy (AAS) - Flame	in-house method A30 M100	
		Aluminium; Antimony; Arsenic;	Atomic emission spectroscopy (AES) -	in-house method P03	

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATIONS
		Bismuth; Cadmium; Calcium; Cobalt; Copper; Iron; Lead; Manganese; Nickel; Selenium; Silver; Sulfur; Tellurium; Tin; Zinc	Arc spark; Atomic emission spectroscopy (AES) - Spark		
		Arsenic	Titration	in-house method A30 M02	
	Tin and tin alloys	Sulfur	Dumas	in-house method P016	
		Antimony	Titration	in-house method A30 M01	
		Antimony; Arsenic; Bismuth; Cadmium; Copper; Gold; Iron; Lead; Nickel; Selenium; Silver; Zinc	Atomic absorption spectroscopy (AAS) - Flame	AS 2292.2 and in-house method A30 M100	
		Tin	Titration	AS 2292.1 and in-house method A30 M04	
		Arsenic	Titration	in-house method A30 M02	
		Antimony; Arsenic; Bismuth; Cadmium; Copper; Gold; Iron; Nickel; Silver	Atomic emission spectroscopy (AES) - Arc spark; Atomic emission spectroscopy (AES) - Spark	in-house method P03	
	Zinc and zinc alloys	Cadmium; Iron	Atomic absorption spectroscopy (AAS) - Flame	AS 1329.8 and in-house method A30 M100	
		Aluminium	Atomic absorption spectroscopy (AAS) - Flame	AS 1329.3 and in-house method A30 M100	
		Magnesium	Atomic absorption spectroscopy (AAS) - Flame	AS 1329.2 and in-house method A30 M100	
		Lead	Atomic absorption spectroscopy (AAS) - Flame	AS 1329.7 and in-house	

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATIONS
		Manganese; Nickel; Tin	Atomic absorption spectroscopy (AAS) - Flame	in-house method A30 M100	
		Copper	Atomic absorption spectroscopy (AAS) - Flame	AS 1329.6 and in-house method A30 M100	
Metallic corrosion evaluation	Copper and copper alloys	Dezincification resistance	Aqueous copper chloride exposure	AS 2345 ISO 6509 BS EN 1254-2 Annex A	

The only data displayed is that deemed relevant and necessary for the clear description of the activities and services covered by the scope of accreditation.

Grey text appearing in a SoA is additional freetext providing further refinement or information on the data in the preceding line entry.

Accreditation No.	Site No.	Print date
492	485	28 Sep 2023

END OF SCOPE