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Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

United Kingdom Centre for Ecology & Hydrology

Issue No: 029 Issue date: 05 January 2026

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ENVIRONMENTAL SAMPLES (cont'd)	<u>Chemical Analysis</u> (cont'd)	Documented In-House Methods:
Surface waters (cont'd)	Trace Metals (cont'd): Strontium (Sr)	SOP 3504 by ICP-MS
	Vanadium (V) Zinc (Zn)	
	pH/Conductivity	SOP3174 by automated combination electrode and conductivity meter
	Ammonium (NH ₄ -N)	SOP 3115b and SOP 3515 by Colorimeter
	Phosphate-Phosphorous (PO ₄ -P)	SOP 3115a/d/f and SOP 3515 by Colorimeter
	TON	SOP 3115c/e/f and SOP 3515 by Colorimeter
	Mercury	SOP 3133 by Cold Vapour Atomic Fluorescence Spectrometer
Surface waters	Chloride (Cl) Nitrate (NO ₃) Nitrite(NO ₂) Sulphate (SO ₄) Fluoride (F) Bromide (Br)	SOP 3149 by Ion Chromatography and SOP 3149a by high pressure Ion Chromatography
Soils	Olsen's Phosphorus, 0-5mg/L in extract	SOP 3175 by SEAL AA3 colorimetric analyser
Vegetation, Soils	Total Carbon (C) and Nitrogen (N)	SOP 3182 by Elemental Analyser



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ENVIRONMENTAL SAMPLES (cont'd) Biota, Vegetation and Soils Aqueous extracts from acid coated air samplers	<u>Chemical Analysis</u> (cont'd) $\delta^{15}\text{N}$ $\delta^{13}\text{C}$ Ammonium (NH ₄ -N)	Documented In-House Methods: SOP 2106 and instrument SOP 2504 by Pyrocube Elemental Analyser and Isoprime Precision Isotope Ratio MassSpectrometer SOP3176 by SEAL AA3 segmented flow analyser
END		