

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 1016 Accredited to ISO/IEC 17025:2017	Sellafield Ltd	
	Issue No: 052 Issue date: 18 December 2025	
	Analytical Services Sellafield Cumbria CA20 1PG	Contact: Ms Jacqueline Batty Tel: +44 (0)19467 88364 Fax: +44 (0)19467 75154 E-Mail: Jacqueline.batty@sellafieldsites.com Website: www.sellafieldsites.com
Testing performed by the Organisation at the locations specified		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address B229 Analytical Services Sellafield Cumbria CA20 1PG	Local contact Ms Jacqueline Batty Tel: +44 (0)19467 88364 Fax: +44 (0)19467 75154 E-Mail: jacqueline.batty@sellafieldsites.com Website: www.sellafieldsites.com	Testing: Radiochemical Chemical A
Address B164 Analytical Services Sellafield Cumbria CA20 1PG	Local contact Ms Jacqueline Batty Tel: +44 (0)19467 88364 Fax: +44 (0)19467 75154 E-Mail: jacqueline.batty@sellafieldsites.com Website: www.sellafieldsites.com	Testing: Microbiological B



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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
PLANT CONTROL	<u>Radiochemical and Chemical Analysis (cont'd)</u>		
Aerial Effluents (Charcoal and Zeolite matrices) Scrubber Liquors Process Liquors Degraded Solvents Plant Effluents Plant Solutions Gas Bubblers TBP/OK solutions	Alpha Activity; relative to ²³⁹ Pu	ASI 325P Preparation and QAAM 0035 by alpha counting	A
	Alpha Emitting Nuclides	ASI 122P Preparation QAAM 0746 by alpha spectrometry	A
	Am ²⁴¹ , Np ²³⁷ and I ¹²⁹	ASI 124P, ASI 265P Preparation QAAM 0053 by LEPS (ASI 86E Gamma spec calibration)	A
	Beta Activity; relative to ⁹⁰ Sr/ ⁹⁰ Y	ASI 325P Instrument Operation QAAM 0034 by Geiger Muller Ionisation detector	A
Aerial Effluents (Charcoal and Zeolite matrices) Scrubber Liquors Process Liquors Degraded Solvents Plant Effluents Plant Solutions Gas Bubblers TBP/OK solutions (cont'd)	Density	QAAM 0409 by Parr densitometer	A
	Dissolved Solids in Aqueous samples	QAAM 0224 by gravimetry	A
	Electrical Conductivity	QAAM 0210 by conductivity meter	A
	Gamma Activity	ASI 265P Preparation QAAM 0295 by NaI scintillation detector	A
	Gamma Emitting Nuclides (Energy range: 130 - 1886keV)	QAAM 0051 by Gamma Spectrometry (ASI 86E Gamma spec calibration)	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
PLANT CONTROL (cont'd) Aerial Effluents (Charcoal and Zeolite matrices) Scrubber Liquors Process Liquors Degraded Solvents Plant Effluents Plant Solutions Gas Bubblers TBP/OK solutions (cont'd)	<u>Radiochemical and Chemical Analysis</u> (cont'd)		
	Hydroxide, Carbonate and Bicarbonate	QAAM 0226 by titrimetry	A
	Iron	QAAM 0614 by Spectrophotometry	A
	Oxalic Acid	QAAM 0298 by titrimetry	A
	pH	QAAM 0619 by pH meter	A
	Sr ⁸⁹ and Sr ⁹⁰	QAAM 0723 gamma counting	A
	Suspended Solids	QAAM 0214 by gravimetry	A
	Total Alpha (large area counting-auto)	ASI 53P Preparation QAAM 0514 by Gas proportional counting	A
	Total Alpha Activity; relative to Pu ²³⁹	ASI 122P Preparation QAAM 0048 by scintillation	A
Total Beta Activity; relative to Sr ⁹⁰ /Y ⁹⁰	ASI 123P Preparation QAAM 0049 by Geiger Muller Ionisation Detector	A	
Total Gamma Activity	ASI 124P Preparation QAAM 0723 by Scintillation	A	



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PRODUCT SPECIFICATION Plutonium Nitrate Plutonium Oxides Mixed Oxide Products Uranium Oxides Uranyl Nitrate (note – specific matrices for each method are detailed in the relevant QAAM)	<u>Radiochemical and Chemical Analysis</u> Free Hydrogen in Solution Uranium	QAAM 0231 by titrimetry QAAM 756 for Davies-Gray auto-titration	A A
PROCESS WATERS Process water Drinking water (non-regulatory)	<u>Microbiology Tests</u> Enumeration of: Heterotrophic / Aerobic Colony Counts (ACC) <i>Pseudomonas</i> spp. (presumptive) Heterotrophic / Aerobic Colony	Documented In-House Methods B164LL/LabLP/007 based on the Microbiology of Drinking Water Part 7, 2020 using yeast extract agar B164LL/LabLP/009 – by spread plate using <i>Pseudomonas</i> CFC agar, incubated at 30 °C, characterised by oxidase test B164LL/LabLP/008 based on the Microbiology of Drinking Water Part 7, 2020 using yeast extract agar	B B B
END			