

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>1804</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Solenis UK Industries Limited In Process Quality Control Analytical Laboratory</p> <p>Issue No: 036 Issue date: 28 May 2021</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ATMOSPHERIC POLLUTANTS AND EFFLUENTS - AMBIENT AIR airborne contaminants in workplace atmospheres & Stack Emissions samples	<u>Chemical Tests</u>	Documented in-house methods
Charcoal Absorbent tubes	Volatile Organic Compounds: Benzene Toluene	Documented In-House Method No UKAS 1 using solvent extraction and gas chromatography
Charcoal Absorbent Tubes	Methyl Acrylate Ethyl Acrylate Methyl Methacrylate Butyl Acrylate n-Butyl Methacrylate iso-Butyl Methacrylate 2-Ethyl Hexyl Acrylate Methyl Chloride	Documented In-House Method No UKAS 2 (Acrylates) & UKAS 2A (Mecl) using solvent extraction and GC-FID
Sorbent tubes: Silica Gel Anasorb 708	Acrylamide Acrylic Acid	Documented In-House Method No UKAS 3 using solvent extraction and HPLC
XAD-2	Formaldehyde	Documented In-House Method No UKAS 7 using solvent extraction and GC-FID
Silica Gel tubes	Phenol	Documented In-House Method No UKAS 8 using solvent extraction and HPLC



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ATMOSPHERIC POLLUTANTS AND EFFLUENTS - AMBIENT AIR airborne contaminants in workplace atmospheres & Stack Emissions (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented in-house methods
Anasorb 747 tubes	Methanol	Documented In-House Method No UKAS 9 using solvent extraction and GC-FID
Silica Gel Tubes	Ammonia	Documented In-House Method No UKAS 12 using Ion Chromatography
Charcoal Absorbent Tubes	Acrylonitrile	Documented in-house Method No UKAS 13 using GC-FID
Charcoal Absorbent tubes	Total Volatile Organic Compound	Documented In House Method No.UKAS 15 using by Gas Chromatography GC with Flame Ionisation
IMPINGER SOLUTIONS	<u>Chemical Tests</u>	Documented in-house methods
Impinger Solutions (Deionised Water)	Acrylamide Acrylic Acid	Documented in-house method UKAS 3A using HPLC-UV analysis
Impinger Solutions (Deionised Water)	Ammonia	Documented In-House Method No UKAS 12A using Ion Chromatography
Impinger Solutions (Deionised Water)	Phenol	Documented in-house method UKAS 8A using HPLC-UV analysis
Impinger Solutions (hydrogen peroxide)	Sulphur Dioxide	Documented in house method UKAS 10 using IC analysis
Filter Papers and Wash Solutions	Particulate Matter	Documented In-house method UKAS 14 (filter papers) and UKAS 14A (wash solutions) using gravimetric analysis



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WATERS AND EFFLUENTS	<u>Chemical Tests</u> (cont'd)	Documented in-house methods
GROUND, SURFACE and WASTE WATERS	pH	Documented In-House Method No UKAS 5
	Chemical Oxygen Demand	Documented In-House Method No UKAS 4
TRADE EFFLUENTS	Copper Iron Zinc	Documented In-House Method No UKAS 11 using acid digest and ICP-OES
END		