


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	RPS Mountainheath Limited	
	Issue No: 051 Issue date 02 January 2019	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL FEEDING STUFFS PACKING/ANIMAL BEDDING - Cardboard and woodchip	<u>Chemical Tests</u> PCB ICES 7 2,4,4'-Trichlorobiphenyl (PCB 28) 2,2',5,5'-Tetrachlorobiphenyl (PCB 52) 2,2',4,5,5'-Pentachlorobiphenyl (PCB 101) 2,3',4,4',5-Pentachlorobiphenyl (PCB 118) 2,2'3,4,4',5-Hexachlorobiphenyl (PCB 138) 2,2'4,4'5,5'-Hexachlorobiphenyl (PCB 153) 2,2'3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	Documented In-House Methods SOP 319 determination by GCMS
SEDIMENTS Marine Sediments	<u>Chemical Tests</u> Organotins, Specifically: Tributyltin (TBT) Dibutyltin (DBT)	SOP 395 determination by GC-MS/MS
Marine Sediments & Soils	Total Organic Carbon	SOP 403 by Carbon Analyser



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<p>SEDIMENTS (cont'd)</p> <p>Marine Sediments</p>	<p><u>Chemical Tests (cont'd)</u></p> <p>PCBs (ICES7), PAHs and OCLs</p> <p>Naphthalene</p> <p>Acenaphthylene</p> <p>Acenaphthene</p> <p>Fluorene</p> <p>Phenanthrene</p> <p>Anthracene</p> <p>Fluoranthrene</p> <p>Pyrene</p> <p>Benzo(a)anthracene</p> <p>Chrysene</p> <p>Benzo(b)fluoranthene</p> <p>Benzo(j)fluoranthene</p> <p>Benzo(k)fluoranthene</p> <p>Benzo(a)pyrene</p> <p>Benzo(e)pyrene</p> <p>Indeno(1,2,3cd)pyrene</p> <p>Dibenzo(a,h)anthracene</p> <p>Benzo(g,h,i)perylene</p> <p>Triphenylene</p> <p>Total PAHs (16)</p> <p>Total PAHs (19)</p> <p>PCB28</p> <p>PCB52</p> <p>PCB101</p> <p>PCB118</p> <p>PCB138</p> <p>PCB153</p> <p>PCB180</p> <p>Total PCBs (ICES7)</p> <p>HCB</p> <p>α-HCH</p> <p>β-HCH</p> <p>γ-HCH</p> <p>d-HCH</p> <p>Dieldrin</p> <p>PP-DDE</p> <p>PP-DDT</p> <p>PP-DDD</p>	<p>Documented In-House Methods</p> <p>SOP 396 determination by GC-MS</p>



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<p>SEDIMENTS (cont'd)</p> <p>Marine Sediments</p>	<p><u>Chemical Tests (cont'd)</u></p> <p>PCBs 25 Congeners</p> <p>PCB18</p> <p>PCB28</p> <p>PCB31</p> <p>PCB44</p> <p>PCB47</p> <p>PCB49</p> <p>PCB52</p> <p>PCB66</p> <p>PCB101</p> <p>PCB105</p> <p>PCB110</p> <p>PCB118</p> <p>PCB128</p> <p>PCB138</p> <p>PCB141</p> <p>PCB149</p> <p>PCB151</p> <p>PCB153</p> <p>PCB156</p> <p>PCB158</p> <p>PCB170</p> <p>PCB180</p> <p>PCB183</p> <p>PCB187</p> <p>PCB194</p> <p>Total PCBs (25 Congeners)</p>	<p>Documented In-House Methods</p> <p>SOP 403 determination by GC-MS</p>



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SOILS	<p><u>Chemical and Physical Tests</u></p> <p>Explosives:</p> <ul style="list-style-type: none"> - Cyclotetramethylenetetranitramine (HMX) - Cyclo-1,3,5-trimethylene-2,4,6 trinitramine (RDX) - Trinitro-2,4,6-phenylmethylnitramine (Tetryl) - 2,4,6-Trinitrotoluene (TNT) - 2,6-Dinitrotoluene (2,6-DNT) - 2,4-Dinitrotoluene (2,4-DNT) - Pentaerithrytoltrinitrate (PETN) - Hexanitrostilbene (HNS) - Picrite 2,4,6-Trinitrophenol (Picric Acid) PicriteNitroglycerine (NG) Ethylene glycol dinitrate (EGDN) Hexanitrostilbene (HNS) 2,4,6-Trinitrophenol (Picric Acid) - Nitroglycerine (NG) - Ethylene glycol dinitrate (EGDN) - Hexanitrostilbene (HNS) <p>Nitrocellulose</p> <p>Ethylene glycol dinitrate (EGDN) Nitroglycerine (NG)</p>	<p>Documented In-House Methods</p> <p>SOP 375 determination by HPLC and UV detection</p> <p>SOP 376 determination by Colorimetric spot test</p> <p>SOP 374 determination by GC-TEA</p>
WATERS		
Drinking/Potable (Non regulatory)	Chlorate and bromate	SOP 383 determination by IC
WATERS Waste	Perfluorooctylsulfonate (PFOS)	SOP 362 determination by LCMS
WATERS - Surface water	Aminomethylphosphonic acid (AMPA) Glyphosate	SOP 382 determination by LCMS
WATERS – Surface water, Treated Sewage Effluent & Sewage influent	Cypermethrin	SOP CIP001 determination by NICI GCMS
	Perfluorooctylsulfonate (PFOS) Perfluorooctanoic Acid (PFOA)	SOP CIP008 determination by UPLC MSMS
	Hexabromocyclododecane (HBCDD) – Alpha, Beta, Gamma and Total	SOP CIP015 determination by LC MSMS



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HUMAN BODY FLUIDS	<u>Chemical and Physical Tests</u>	Documented In-House Methods
Urine	S-Phenylmercapturic acid [SPMA] metabolite of Benzene	SOP 393 determination by LCMSMS
FOOD AND FOOD PRODUCTION	<u>Chemical and Physical Tests</u>	Documented In-House Methods
Grains, Cereals, Legumes, Pulses and products thereof	Aminomethylphosphonic acid (AMPA) Glyphosate	SOP 401 determination by GCMSMS
Vegetables, dried fruits, fried and baked foodstuff, cereals, grain and products thereof	Acrylamide	SOP 398 determination by LC-MS-MS with QuEChERS extraction
Foodstuffs	Quaternary Ammonium Compounds (QACs), specifically: Benzalkonium Chlorides: Benzyldimethyldecyl ammonium chloride (BAC10) Benzyldimethyldodecyl ammonium chloride (BAC12) Benzyldimethyl-tetradecyl ammonium chloride (BAC14) Benzyldimethylhexadecyl ammonium chloride (BAC16) Didecyl dimethyl ammonium chloride (DDAC)	SOP 399 determination by LC-MS with QuEChERS extraction.
Vegetables, fresh and dried fruits, honey, nuts, dry legumes, forage crops, seeds, cereals, grain and products thereof	Pesticides, specifically: Azoxystrobin Boscalid Carbetamide Carfentrazone-ethyl Chlorantraniprole Cymoxanil Cyprodinil Dimoxystrobin Famoxadone Fenpyroximate Imazalil Kresoxim-methyl Mandipropamid Metalaxyl	SOP 220 crop sample preparation SOP 405 determination by LC-MS-MS with QuEChERS extraction



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<p>FOOD AND FOOD PRODUCTION</p> <p>Vegetables, fresh and dried fruits, honey, nuts, dry legumes, forage crops, seeds, cereals, grain and products thereof (cont'd)</p> <p>Vegetables, fresh and dried fruits, honey, nuts, dry legumes, forage crops, seeds, cereals, grain and products thereof</p> <p>Vegetables, fresh & dried fruits, honey, nuts, dry legumes, forage crops, seeds, cereals, grain & products thereof, including food & animal feeds</p>	<p><u>Chemical and Physical Tests (cont'd)</u></p> <p>Pesticides, specifically (cont'd): Methoxyfenozide Myclobutanil Picoxystrobin Pyrimethanil Pyriproxifen Quinoxifen Trifloxystrobin Zoxamide</p> <p>Herbicides, specifically: Mepiquat Paraquat Diquat Chlormequat</p> <p>The laboratory holds a flexible scope of accreditation for the detection and quantitation of Pesticide Residues using methods developed and validated following a generic Flexible Scope Protocol which provides</p> <p>(i) the inclusion of new or amended tests in matrix types covered by existing accreditation</p> <p>(ii) the modification of existing methods to broaden their applicability using analytical techniques and matrix types covered by existing accreditation</p> <p>Please contact the laboratory for details of the individual determinands and matrices that can be analysed</p>	<p>Documented In-House Methods</p> <p>SOP 220 crop sample preparation SOP 405 determination by LC-MS-MS with QuEChERS Extraction (cont'd)</p> <p>SOP 406 determined by LC-MS-MS with QuPPE extraction</p> <p>Flexible Scope generic protocol SOP 112 using sample preparation, QuEChERS extraction, QuPPE extraction and determination by LC-MS-MS</p>



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SOILS (only)	<p><u>Chemical Tests</u></p> <p><u>Explosives:</u></p> <p>Cyclotetramethylenetetranitramine (HMX) Cyclo-1,3,5-trimethylene-2,4,6-trinitramine (RDX) Trinitro-2,4,6-phenylmethylnitramine (Tetryl) 2,4,6-Trinitrotoluene (TNT) 2,6-Dinitrotoluene (2,6-DNT) 2,4-Dinitrotoluene (2,4-DNT) Pentaerythritoltrinitrate (PETN) Hexanitrostilbene (HNS) 2,4,6-Trinitrophenol (Picric Acid) Picrite Nitroglycerine (NG) Ethylene glycol dinitrate (EGDN)</p> <p>Ethylene glycol dinitrate (EGDN) Nitroglycerine (NG)</p>	<p>Documented In-House Methods to meet the requirements of the Environment Agency MCERTS Performance Standard - Chemical Testing of Soil</p> <p>SOP 375 Determination by HPLC and UV Detection</p> <p>SOP 374 Determination by GC-TEA</p>
END		