


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>AFBI - Newforge Lane</h3> <p>Issue No: 016 Issue date: 27 September 2009</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
ANIMAL TISSUE	<u>Chemical Tests</u>	Documented In-House Methods identified by standard operating procedure number
	Arsenic	SOP PRL 79 and related standard operating procedures using Atomic Absorption Spectroscopy [AAS]
	Cadmium	SOP PRL 41 and related standard operating procedures using AAS
	Lead	SOP PRL 41 and related standard operating procedures using AAS
BIOTA	Mercury	SOP PRL 33 and related standard operating procedures using AAS
	Lipids (total)	SOP PRL 145 using the Smedes method
FISH LIVER	Dry weight	SOP 135
	Cadmium Lead	SOP PRL 41 using AAS
FISH MUSCLE	Arsenic	SOP PRL 79 and related standard operating procedures using AAS
	Mercury	SOP PRL 33 and related standard operating procedures using AAS



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SHELLFISH	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by standard operating procedure number
	Arsenic	SOP PRL 79 using AAS
SEDIMENTS	Cadmium Copper Chromium Iron Lead Mercury Nickel Silver Zinc	SOP PRL 33 and SOP PRL 41 using AAS
	Cadmium Iron Nickel Copper	SOP's PRL 39, 41 and 41 using ICP OES
SHELLFISH AND SEDIMENTS	Arsenic	SOP 79 and 139 using AAS
	Aluminium Cadmium Chromium Copper Iron Lead Manganese Mercury Nickel Zinc	SOP PRL 33, SOP PRL 41, SOP PRL 139 and SOP PRL 142 using AAS
SHELLFISH AND SEDIMENTS	Polynuclear Aromatic Hydrocarbons in the concentration range 0.5 - 5.0 g.kg:	SOP PRL 147 and related SOP's covering equipment and sample preparation - GC-MS
	Anthracene	
	Benzo (a) anthracene	
	Benzo (ghi) perylene	
	Benzo (a) pyrene	
	Fluoranthene	
	Indeno (123-ca) Pyrene	
	Phenanthrene	
	Naphthalene	
	Chrysene	
	Pyrene	



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FATS and OILS	<p><u>Chemical Tests</u> (cont'd)</p> <p>Organochlorine Pesticides covering the following compounds :</p> <p>Aldrin alpha- chlordane beta-chlordane p,p'-DDE p,p'-TDE o,p'-DDT p,p'-DDT Dieldrin Endrin HCB alpha-HCH beta-HCH gamma-HCH Heptachlor Heptachlor epoxide Oxychlordane</p> <p>Polychlorinated Biphenyl's (PCB's) covering the following compounds 28 52 101 118 138 153 180</p>	<p>Documented In-House Methods identified by standard operating procedure number</p> <p>SOP PRL 19 and related standard operating procedures using solvent extraction, liquid/liquid partitioning column clean-up and capillary gas chromatography - mass spectrometry (GC-MS)</p>
FATS and OILS	<p>Organophosphorus Pesticides covering:</p> <p>Bromophos-ethyl Bromophos-methyl Chlorfenvinphos Chlorpyrifos-methyl Coumaphos Diazinon Fenchlorphos Fenitrothion Malathion Mevinphos Parathion-ethyl Parathion-methyl Pirimiphos-methyl</p>	<p>SOP's PRL 529 and 38 and related standard operating procedures using solvent extraction, liquid/liquid partitioning column clean-up and capillary gas chromatography - Flame Photometric Detector (GC-FPD)</p>



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FATS and OILS (cont'd)	<u>Chemical Tests</u> (cont'd) Organophosphorus Pesticides covering: (cont'd) Propetamphos Tetrachlorvinphos	Documented In-House Methods identified by standard operating procedure number
FISH MILK , LIQUID MILK POWDER SHELLFISH WATER	<u>Radiochemical Tests</u> Gamma - emitting Radionuclides with 30-2000 keV range	Documented In-House Methods Radionuclide Laboratory Manual RN2 using Gamma Spectroscopy with software and calculations provided by instrument manufacturers EG and G Ortec
	END	