


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: 018 Issue date: 26 April 2011</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
Meat and Bonemeal (MBM) and Tallow	Glyceroltriheptanoate	PRL 172 using GC MS
Milk	Cadmium, Lead	PRLs 39& 41 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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Animal Products, Fats and Oils, Meat and Meat Products, Fish and Fish Products (excluding Offal)	<u>Chemical Tests</u> (cont'd) Pesticides and organic contaminants: 4,4-Methoxychlor Aldrin Azinphos ethyl Bifenthrin Bromophos ethyl Bromophos methyl Carbophenothion Chlorfenvinphos Chlorobenzilate Chlorpyriphos Chlorpyriphos methyl Coumaphos Cyfluthrin Cypermethrin Deltamethrin Diazinon Dichlorvos Dieldrin Endosulphan Sulphate Endrin Fenchlorphos Fenitrothion Fenthion Fenvalerate HCB Heptachlor Lambda Cyhalothrin Malathion Methacriphos Methidathion Mevinphos Nitrofen Oxychlordan PCB 101 PCB 118 PCB 138 PCB 153 PCB 180 PCB 28 PCB 52 Paraoxon methyl Parathion Parathion methyl	Documented In-House Methods identified by standard operating procedure number PRL 166 using GC-MS/MS



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FATS and OILS (cont'd)	<u>Chemical Tests</u> (cont'd) Organophosphorus Pesticides covering: (cont'd) Parathion-methyl Pirimiphos-methyl 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	