

# 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>Shetland Seafood Quality Control Ltd</h3> <p>Issue No: 015    Issue date: 18 September 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
FOOD and FOOD PRODUCTS, SWABS, POTABLE and SEA WATER	<u>Microbiological Tests</u>	
	<i>Listeria</i> spp - detection	In-house method (BP013A) using BioRad Rapid L.mono plate system
FOOD and FOOD PRODUCTS, SWABS, POTABLE, RAW AND SEA WATER	<i>Salmonella</i> - detection	In-house method (BP011A) based on ISO 6579:2002.using Oxoid Novel Enrichment Broth and Salmonella Brilliance agar. Confirmation by API 20E and serology agglutination.
FOOD and FOOD PRODUCTS	<i>Listeria</i> spp - detection	In-house method (BP 013) based on BS EN ISO 6887-3:2003
	<i>Escherichia coli</i> - enumeration	1) In-house method (BM 018) by MPN based on ISO/TS 16649-3:2005 using MPN tables from ISO 7218:2007  2) In-house method (BP 004) based on 3M Petrifilm E Coli/coliform count plate booklet
	Coliforms - enumeration	In-house method (BP 004) by Petrifilm based on 3M Petrifilm E.Coli/coliform count plate booklet
	Coagulase positive <i>Staphylococcus aureus</i> - enumeration	In-house method (BP 006) based on BS EN ISO 6888-1:1999 using Baird-Parker agar
	Enterobacteriaceae - enumeration	In-house method (BP 005) based on 3M Petrifilm Enterobacteriaceae count plate booklet



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FOOD and FOOD PRODUCTS (cont'd)	<u>Microbiological Tests</u> (cont'd)	
	<i>Pseudomonas</i> spp - enumeration	In-house method (BP 007) based on BS7857-1:1996 and ISO 13720:1995
	Total viable count at 22 °C, 30 °C and 37 °C	In-house method: BP 001 based on BS EN ISO 4833:2003
ENVIRONMENTAL SAMPLES  Potable Water	<i>Salmonella</i> - detection	In-house method (BP 011) based on BS EN ISO 6579:2002 incorporating corrigenda October 2002, April 2004 and July 2006
	<u>Microbiological Tests</u>	
	Coliforms, isolation and enumeration	In-house method (BW 025) using Colilert, based on The Microbiology of Drinking Water, 2002, Part 4
	<i>Escherichia coli</i> - enumeration	In-house method (BW 025) using Colilert, based on The Microbiology of Drinking Water, 2002, Part 4
	Isolation and enumeration of <i>Pseudomonas aeruginosa</i>	In-house method (BW028) by membrane filtration and biochemical confirmation, based on The Microbiology of Drinking Water, 2010: Part 8
Natural (Sea) Water	Isolation and enumeration of <i>Legionella</i> spp	In-house method BW by membrane filtration and latex agglutination confirmation of <i>L. pneumophila</i> serotypes 1-15
	Total Viable Count - enumeration	In-house method (BW 019) by pour plates, based on The Microbiology of Drinking Water, 2002, Part 7
	Coliforms, isolation and enumeration	In-house method (BW 021) by membrane filtration based on The Microbiology of Drinking Water, 2002, Part 4
	Total Viable Count - enumeration	In-house method (BW 020) by pour plates, based on The Microbiology of Drinking Water, 2002, Part 7



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ENVIRONMENTAL SAMPLES (cont'd)	<u>Microbiological Tests</u> (cont'd)	
Natural (Sea) Water (cont'd)	Faecal and total Coliforms - enumeration	In-house method (BW 026) based on EC Bathing water directive 76/160/EEC BS EN ISO 9308:1:2008 BS 6068-4.14:2000
	<i>Salmonella</i> - detection	In-house method (BW 029) based on The Microbiology of Drinking Water 2006, Part 9
SWABS (including food product swabs)	<i>Listeria</i> spp - detection	In-house method (BP 013) based on BS EN ISO 6887-3:2003
	Coliforms - enumeration	In-house method (BS 014) by Petrifilm based on BS EN ISO 4832:2006 and AOAC International VOL 85, No 1:2002
	Coagulase positive <i>Staphylococcus aureus</i> - detection	In-house method (BS 014) based on BS ISO 6888-1:1999 using Baird-Parker agar
	Enterobacteriaceae - enumeration	In-house method (BS 014) based on BS ISO 21528-2:2004
	<i>Pseudomonas</i> spp	In-house method (BS 014) based on BS7857-1:1996 and ISO 13720:1995
	Total viable count at 22 °C, 30 °C and 37 °C - enumeration	In-house method: BS 014 based on BS EN ISO 4833:2003 BS 5763:Part 5 (1981)
ENVIRONMENTAL SAMPLES	<u>Chemical Tests</u>	
	Determination of:	
	Biochemical oxygen demand (BOD)	In-house method (C004) based on HMSO Blue Book method 5 Day Biochemical Oxygen Demand (BOD5) Second Edition 1988
	Chemical oxygen demand (COD)	In-house method (C006) based on ISO 15705:2002



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MUSSELS	<u>Chemical Tests</u>  Screening test for Paralytic Shellfish Toxin - Saxitoxin  Screening test for Diarrhetic Shellfish toxin causative agent Okadaic Acid and derivatives DTX, DTX2 & DTX3  Screening for Amnesic Shellfish toxin causative agent Domoic Acid	  In house method 7.2 using Ridascreen Fast Saxitoxin ELISA kit (R-Biopharm)  In-house method 7.4 by phosphatase inhibition assay  In-house method 7.8 based on EN 14176:2003 by HPLC
	END	