


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>Alliance Technical Laboratories Limited</h3> <p>Issue No: 024 Issue date: 14 November 2011</p>	
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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
ENVIRONMENTAL SWABS	<p><u>Microbiological Tests</u></p> <p><u>Detection:</u></p> <p><i>Listeria</i> spp (presumptive)</p> <p><i>Listeria</i> spp (presumptive)</p> <p><i>Listeria</i> spp confirmed and species identification</p> <p><i>Salmonella</i> spp</p> <p><i>Salmonella</i> spp</p> <p><u>Enumeration:</u></p> <p>Aerobic colony count at 30 °C</p> <p>Coliforms (presumptive)</p> <p>Enterobacteriaceae (presumptive)</p> <p><i>Escherichia coli</i> (β-glucuronidase positive)</p> <p>Coagulase positive Staphylococci including <i>Staphylococcus aureus</i></p> <p>Yeasts and moulds</p>	<p>Documented In-House methods as for food samples</p> <p>AM/M:11-1</p> <p>AM/M/11-4</p> <p>AM/M/11c</p> <p>AM/M:12-1</p> <p>AM/M:12-3</p> <p>AM/M:01-1</p> <p>AM/M:02-1</p> <p>AM/M:03-1</p> <p>AM/M:04-6</p> <p>AM/M:06-1</p> <p>AM/M:10-1</p>



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<p>ANIMAL FEEDS and COMPOSTS including digestates</p> <p>Animal feeds (excluding dog chews) and Composts, including digestates</p> <p>Animal feeds (excluding dog chews) and Composts, including digestates</p> <p>Animal Feeds</p>	<p><u>Microbiological Tests</u></p> <p><u>Detection:</u></p> <p><i>Salmonella</i> spp</p> <p><i>Salmonella</i> spp</p> <p><u>Enumeration:</u></p> <p>Enterobacteriaceae (presumptive and confirmed)</p>	<p>Documented In-House methods</p> <p>AM/M:12-2 using selective enrichment and plating to meet the requirements of the Animal By Products (Enforcement) (England) Regulations No.2011/881 which enforce the directly applicable requirements of the EU Implementing Regulation 142/2011, PAS 100:2011 and PAS 110:2010</p> <p>AM/M:12-3 using Pathatrix immunoconcentration/enrichment of pooled samples with positives being subject to individual retest using conventional media systems, to meet the requirements of the Animal By Products (Enforcement) (England) Regulations No.2011/881 which enforce the directly applicable requirements of the EU Implementing Regulation 142/2011. PAS 100:2011 & PAS 110:2010</p> <p>AM/M:03-2 using VRBGA layer plate at 37°C to meet the requirements of the Animal By Products (Enforcement) (England) Regulations No.2011/881 which enforce the directly applicable requirements of the EU Implementing Regulation 142/2011</p>



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Composts, including digestates	<u>Microbiological Tests</u> (cont'd)	Documented In-House methods
	<u>Enumeration:</u> (cont'd) <i>Escherichia coli</i> (β -glucuronidase positive)	
FOODS and FOOD PRODUCTS (unspecified)	<u>Microbiological Tests</u>	Documented In-House Methods
	<u>Confirmation:</u> <i>Listeria</i> spp confirmed and species identification	
	<u>Detection:</u> <i>Listeria</i> spp (presumptive)	AM/M:11-c confirmation and identification of lab isolates from presumptive methods using Gram stain, oxidase test, catalyse and Microbact 12L biochemical gallery
	<i>Listeria</i> spp (presumptive)	AM/M:11-1 using BLEB enrichment and isolation on Oxford Agar based on ISO 11290-1:1996 (superseded, client specified)
	<i>Salmonella</i> spp	AM/M:11-4 using <i>Listeria</i> Novell enrichment Broth and selective plating on OCLA
	<i>Salmonella</i> spp	AM/M:12-1 based on ISO 6579:2002, with optional use of Brilliance <i>Salmonella</i> Agar
	<i>Salmonella</i> spp	AM/M:12-3 using Pathatrix immunoconcentration/enrichment of pooled samples and selective plating with positives being subject to individual retest, using conventional media systems



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FOODS and FOOD PRODUCTS (unspecified) (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods
	<u>Enumeration:</u>	
	Aerobic colony count at 22 °C	AM/M:01-3 based on ISO 4883:2003 with incubation for 72 hrs
	Aerobic colony count at 30 °C	AM/M:01-1 based on ISO 4883:2003 with incubation for 48 hrs
	<i>Bacillus cereus</i> (presumptive)	AM/M:13-1 using PEMBA selective agar based on Holbrook and Anderson, 1980
	<i>Clostridium perfringens</i>	AM/M:07-1 based on ISO 7937:2004 with confirmation using RapIDANA biochemical gallery (Remel/Oxoid)
	Coliforms (presumptive)	AM/M:02-1 based on ISO 4832:2006
	Enterobacteriaceae (presumptive)	AM/M:03-1 based on ISO 21528-2:2004
	<i>Escherichia coli</i> (β-glucuronidase positive)	AM/M:04-6 based on ISO 16649-2:2001 using TBX chromogenic media
	<i>Escherichia coli</i> (presumptive β-glucuronidase positive)	AM/M:04-6M based on ISO 16649-1:2001 using membranes
	Lactic acid bacteria (presumptive)	AM/M:08-1 based on ISO 15214:1998
	<i>Listeria</i> spp (presumptive)	AM/M:11-e selective plating on Oxford and OCLA agars
<i>Pseudomonas</i> spp (presumptive)	AM/M:09-1 based on ISO 13720:2010	
Coagulase positive Staphylococci including <i>Staphylococcus aureus</i>	AM/M:06-1 based on ISO 6888-1:1999 using tube coagulase confirmation	



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FOODS and FOOD PRODUCTS (unspecified) (cont'd)	<u>Microbiological Tests</u> (cont'd) <u>Enumeration:</u> (cont'd) Yeasts and Moulds	Documented In-House Methods AM/M:10-1 based on Practical Food Microbiology, 2003 Section 6.17, Method 1
WATERS Potable	<u>Microbiological Tests</u> <u>Enumeration:</u> Coliforms and <i>Escherichia coli</i> (presumptive) Enterococci (presumptive) <i>Pseudomonas aeruginosa</i> Sulphite reducing Clostridia Total viable count at 22 °C Total viable count at 37 °C	Documented In-House Methods based on The Microbiology of Drinking Water, The Environment Agency AM/W:001 using single membrane technique based on MoDW Part 4:2009 AM/W:004 based on MoDW Part 5:2010 AM/W:006 based on MoDW Part 8:2010 AM/W:005 based on MoDW Part 6:2010 AM/W:002 based on MoDW Part 7:2007 AM/W:003 based on MoDW Part 7:2007
Swimming Pool	<i>Pseudomonas aeruginosa</i>	AM/W:006 based on MoDW Part 8:2010
	END	