


# 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>E &amp; O Diagnostics Ltd</h3> <p>Issue No: 022    Issue date: 25 October 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
<p>MICROBIOLOGICAL CULTURE MEDIA Ready to use or partially completed liquid or solid (agar) media, including diluents</p>	<p>Performance Testing of Physical and Microbiological parameters to support production quality</p> <p><u>Physical Tests</u></p> <p>pH</p> <p>Appearance (including pinheads, bubbles, extraneous matter, flecks) clarity and colour)</p> <p>Fill volume weight check</p> <p>Sterility</p>	<p>Documented in house methods based on:</p> <p>DD ENV ISO 11133-1:2009 and DD CEN ISO/TS 11133-2:2003, unless otherwise indicated</p> <p>ED/SOP/003 measurement by pH meter</p> <p>ED/SOP/009 by visual observation</p> <p>ED/SOP/054 by gravimetric determination</p> <p>ED/SOP/005 Visual check and growth assessment following incubation for 3 days at 15-25 °C and 37 °C</p>
<p>Ready to use or partially completed solid (agar) media in plates or bottles</p>	<p>Moisture</p>	<p>ED/SOP/053 with oven drying at 105 °C and gravimetric determination</p>



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<p><b>MICROBIOLOGICAL CULTURE MEDIA</b> Ready to use or partially completed liquid or solid (agar) media, including diluents (cont'd)</p> <p>Ready to use or partially completed liquid or solid (agar) media, including diluents</p> <p>Ready to use antibiotic sensitivity test agar media (ISA &amp; Muller Hinton)</p> <p>Ready to use or partially completed liquid or solid (agar) media</p> <p><b>FOOD and FOOD PRODUCTS ENVIRONMENTAL SAMPLES (SWABS)</b></p>	<p><u>Microbial performance tests</u></p> <p>Productivity of specified target organisms</p> <p>Zone sizes associated with antibiotic sensitivity testing</p> <p>Inhibition of specified organisms (Selectivity)</p> <p><u>Microbiological Tests</u></p> <p>Enumeration of:</p> <p>Aerobic colony count ('TVC') at 30 °C</p>	<p>ED/SOP/008</p> <p>Quantitative evaluation using spread inoculum technique (solid media)</p> <p>Semi quantitative inoculation with growth assessment from subculture (liquid media)</p> <p>Semi quantitative evaluation of viability maintenance after a holding time of 45 minutes (diluents)</p> <p>ED/SOP/052 based on published methods for Antibiotic Sensitivity Testing by measurement of zone sizes with electronic callipers, using specified combinations of antibiotic discs/ micro-organisms:</p> <p>i) BSAC Methods for Antibiotic Sensitivity Testing Version 8:2009</p> <p>ii) Performance Standards for Antimicrobial Disc Susceptibility Tests: Approved Standard - Eighth Edition. NCCLS M2-A8 Vol 23 No 1</p> <p>ED/SOP/051 - log reduction of inoculum using drop inoculum for selective agar and fluid media</p> <p>E&amp;O/TM/014 based on BS EN ISO 4833:2003 by pour plate using Plate Count Agar</p>



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FOOD and FOOD PRODUCTS ENVIRONMENTAL SAMPLES (SWABS) (cont'd)	<u>Microbiological Tests</u> (cont'd)	
	Enumeration of: (cont'd)	
	Presumptive <i>Bacillus cereus</i>	E&O/TM/031 based on BS EN ISO 7932:2004
	Presumptive Coliforms	E&O/TM/016 based on BS ISO 4832:2006 by pour plate with overlay using VRBA
	<i>Clostridium perfringens</i>	E&O/TM/032 based on BS EN ISO 7937:2004
	Presumptive Enterobacteriaceae	E&O/TM/015 based on BS ISO 21528-2:2004 Using pour plate with overlay and VRBGA
	<i>Escherichia coli</i> ( $\beta$ -glucuronidase positive)	E&O/TM/017 based on BS ISO 16649-2:2001 by pour plate using TBX agar
FOOD and FOOD PRODUCTS (with $A_w > 0.95$ ) ENVIRONMENTAL SAMPLES (SWABS)	Coagulase positive Staphylococci	E&O/TM/019 based on BS EN ISO 6888-1:1999 by spread plate using Baird Parker agar and confirmation by Pastorex Staph-plus
	Yeasts	E&O/TM/030 based on BS ISO 21527-1:2008
FOOD and FOOD PRODUCTS	Moulds	E&O/TM/030 based on BS ISO 21527-1:2008
	<u>Microbiological Tests</u>	
FOOD and FOOD PRODUCTS ENVIRONMENTAL SAMPLES (SWABS)	Enumeration of:	
	<i>Listeria monocytogenes</i> and <i>Listeria spp</i>	E&O/TM/ 023 based on ISO 11290-2:1998/Amd 1:2004
	Detection of:	
FOOD and FOOD PRODUCTS ENVIRONMENTAL SAMPLES (SWABS)	<i>Salmonella spp</i>	E&O/TM/020 based on BS EN ISO 6579:2002
	<i>Listeria monocytogenes</i> and <i>Listeria spp</i>	E&O/TM/ 018 based on ISO 11290-1:1996/Amd 1:2004



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WATERS: Potable	<u>Microbiological Tests</u>  Enumeration of:  Coliforms/E.coli (MPN)  Total Viable Count (22 & 37 °C)	Documented In House Methods  E&O/TM/022 using Colilert 18 (IDEXX), based on MDW, Part 4, 2009  E&O/TM/021 by pour plate, based on MDW, Part 7, 2007
END		