


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>	HPA Microbiological Services – Food Water and Environmental Microbiology Laboratory, Porton	
	Issue No: 019 Issue date: 23 August 2011	
HPA Porton Down Salisbury Wiltshire SP4 0JG	Contact: Dr C Willis Tel: +44 (0)1980 616766 Fax: +44 (0)1980 616765 E-Mail: Caroline.Willis@hpa.org.uk Website: www.hpa.org.uk/wems	
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address HPA Porton Down Salisbury Wiltshire SP4 0JG Local contact Dr C Willis	Microbiology	P

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Food and dairy preparation; production and retail premises; hospital sites including theatres, endoscopy suites and hydrotherapy pools; coastal waters; public and private swimming pools; water systems and environmental surfaces in public and private premises	Sampling	S



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SAMPLES	<u>Microbiological Tests</u>	Documented In-house Methods	
	Airborne microbial load (aerobic colony count and moulds)	1) WEMS/EM1 following sampling using an MAS-100 + blood agar and DRBC plates	P
	Surface microbial contamination	2) WEMS/A019 following sampling using settle plates WEMS/A019 following sampling using contact plates containing neutraliser	P P
ENVIRONMENTAL SWABS AND FOOD and FOOD PRODUCTS (Unspecified)	<u>Microbiological Tests</u>	Documented In-house Methods	
	Detection:		
	<i>Campylobacter</i> spp	WEMS/F21 based on HPA SOP F21, issue 2 with latex agglutination test	P
	<i>Escherichia coli</i> O157	WEMS/F28 using immunomagnetic separation based on BS EN ISO 16654:2001	P
	<i>Salmonella</i> spp	WEMS/F13 based on HPA SOP F13, issue 3	P
	<i>Listeria</i> spp (including identification) and <i>Listeria monocytogenes</i>	WEMS/F19 based on HPA SOP F19, issue 3	P
<i>Vibrio</i> spp and <i>Vibrio parahaemolyticus</i>	WEMS/F24 based on Section 6.15 - method 1 in "Practical Food Microbiology", 3 rd Edition, Blackwell Publishing, Oxford, 2003 omitting 6h subculture and second isolation agar	P	



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ENVIRONMENTAL SWABS AND FOOD and FOOD PRODUCTS (Unspecified) (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-house Methods	
	Enumeration: (cont'd)		
	<i>Listeria</i> spp (including identification) and <i>Listeria monocytogenes</i>	WEMS/F19 based on HPA SOP F19, issue 3	P
	<i>Staphylococcus aureus</i>	WEMS/F12 using spread or spiral plate based on HPA SOP F12, issue 1	P
	Coagulase positive Staphylococci	WEMS/F12X based on ISO 6888-1:1999 using DNase, latex agglutination and tube coagulase	P
SHELLFISH	<i>Vibrio</i> spp and <i>Vibrio parahaemolyticus</i>	WEMS/F24, based on Section 6.15 - method 3 in "Practical Food Microbiology", 3 rd Edition, Blackwell Publishing, Oxford, 2003	P
	Detection:		
	<i>Salmonella</i> spp	WEMS/F13 based on HPA SOP F13, issue 3	P
MEDICAL DEVICES	Enumeration:		
	<i>Escherichia coli</i>	WEMS/F16 based on HPA SOP F16, issue 4	P
MEDICAL DEVICES	Aerobic colony count	CS2, by rinsing then membrane filtration and incubation on blood plate at 30°C/48h followed by 25°C/72h	P
MILK AND DAIRY PRODUCTS	<u>Chemical Analysis</u>		
	Phosphatase	WEMS/D7 based on HPA SOP D7, issue 1	P



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MILK AND DAIRY PRODUCTS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-house Methods	
	Detection:		
	<i>Listeria</i> spp	WEMS/F19 based on HPA SOP F19, issue 3	P
	Enumeration:		
	<i>Salmonella</i> spp	WEMS/F13 based on HPA SOP F13, issue 3	P
	Aerobic colony count at 30°C (plate count test)	WEMS/F9 by pour plate, based on ISO 4833:2003	P
	Coliforms, confirmed	WEMS/D4 by colony count based on HPA SOP D4, issue 2	P
WATERS (including swabs, sediments and sludges) (including swabs, sediments and sludges)	<i>Escherichia coli</i> (β-glucuronidase positive)	WEMS/F22 by MPN based on HPA SOP F22, issue 1	P
	Enterobacteriaceae	WEMS/F18 using MPN technique based on ISO 21528-1:2004	P
	<u>Microbiological Tests</u>		
	Detection:		
	<i>Legionella</i> spp	WEMSW7 based on HPA SOP W12, issue 1	P
	Enumeration:		
	<i>Legionella</i> spp	WEMSW7 based on HPA SOP W12, issue 1	P
	<u>Microbiological Tests</u>	Documented In-house methods based on the Microbiology of Drinking Water (MDW), Environment Agency	
	Aerobic colony count at 22°C, 30°C and at 37°C	WEMSW4 by pour plate based on MDW, Part 7:2007	P



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WATERS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-house Methods	
	Presumptive and confirmed Coliforms	WEMS W2 by membrane filtration, based on MDW, Part 4:2009	P
	Presumptive and confirmed <i>Escherichia coli</i>	WEMS/W2 by membrane filtration, based on MDW, Part 4:2009	P
	Presumptive and confirmed Enterococci	WEMS/W3 by membrane filtration, based on MDW, Part 5:2010	P
	<i>Pseudomonas aeruginosa</i>	WEMS/W6 by membrane filtration, based on MDW, Part 8:2010	P
	Sulphite reducing clostridia and identification of <i>Clostridium perfringens</i>	WEMS/W5 by membrane filtration, based on MDW, Part 6:2010	P
	Coliforms/ <i>Escherichia coli</i>	WEMS/W18, MPN using the Colilert system, based on MDW, Part 4:2009	P
Endoscopy Waters	Aerobic colony count (mesophilic)	WEMS/W20 using TSA at 37 ^o C for 48 hours	P
END OF PERM TESTS			



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SITE TESTS			
FOOD and FOOD PRODUCTS (Unspecified)	<u>Sampling</u> For subsequent microbiological testing	Documented In-house Methods WEMS/A019 using sterile sampling equipment	S
FOOD PREPARATION and FOOD PROCESSING SURFACES	<u>Sampling</u> For subsequent microbiological testing	WEMS/A019 using cotton wool swabs and sponge swabs in neutralising solution	S
OPERATING THEATRE and other ENVIRONMENTS	<u>Sampling</u> Air for total aerobic microbial load	1) WEMS/EM1 using an MAS-100 + blood agar and DRBC plates	S
		2) WEMS/EM3 using settle plates	S
	Surfaces for microbial contamination	WEMS/A019 using Rodac agar contact plates containing neutraliser	S
WATER	<u>Sampling</u> For subsequent microbiological testing	WEMS/A019 using sterile containers pre-dosed with neutraliser for chlorinated samples	S
From sea	For subsequent algal toxin testing	WEMS/A019 based on sampling protocol recommended by CEFAS	S
END			