

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>UKAS TESTING</p> <p>4429</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Stonehaven Microbiology Services Limited (trading as SMS)</p> <p>Issue No: 012 Issue date: 12 December 2019</p>	
	<p>Units 1 & 2 Oldmeldrum Business Centre Colpy Way Oldmeldrum Aberdeenshire AB51 0BZ</p>	<p>Contact: Dr Ian Millar Tel: +44 (0)1651 873222 Fax: +44 (0) 1651 873226 E-Mail: enquiries@sms-ltd.co.uk Website: www.sms-ltd.co.uk</p>
<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 FEEDS, COMPOST, CEREALS, PROTEIN CONCENTRATES	<p><u>Microbiological Tests</u></p> <p>Detection of:</p> <p><i>Salmonella spp.</i>(confirmed) (including serotyping for serotypes A-G)</p> <p>Enumeration of:</p> <p>Enterobacteriaceae, presumptive and confirmed</p>	<p>Documented In-House Methods</p> <p>MM 10.5 based on BS EN ISO 6579-1:2017 in accordance with the Animal By-Products Regulations (Enforcement) (Scotland) Regulations 2013 (amended 2015) with specific reference to Regulation (EC) 1069/2009 and 142/2011</p> <p>MM 10.1 based on BS ISO 21528-2:2017 in accordance with the Animal By-Products Regulations (Enforcement) (Scotland) Regulations 2013 (amended 2015) with specific reference to Regulation (EC) 1069/2009 and 142/2011</p>
Composts and digestates	<p>β-glucuronidase-positive <i>Escherichia coli</i>, presumptive and confirmed</p>	<p>MM 10.2 based on BS ISO 16629-2:2001 in accordance with the Animal By-Products Regulations (Enforcement) (Scotland) Regulations 2011 with specific reference to Regulation (EC) 1069/2009 and 142/2011</p>



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<p>FOOD, FOOD PRODUCTS and ENVIRONMENTAL SWABS</p> <p>(Excluding cocoa and cocoa containing products)</p>	<p><u>Microbiological Tests</u></p> <p>Detection of:</p> <p><i>Listeria monocytogenes</i> and <i>Listeria</i> spp, including species identification</p> <p><i>Salmonella</i> spp (confirmed)</p> <p>Enumeration of:</p> <p>Aerobic Colony Count</p> <p>Enterobacteriaceae</p> <p>β-glucuronidase-positive <i>Escherichia coli</i> and Coliforms</p> <p>Coagulase positive <i>Staphylococcus</i> including <i>Staphylococcus aureus</i></p> <p>Moulds</p> <p>Yeasts</p>	<p>Documented In-House Methods</p> <p>MM 3.6 based on BS EN ISO 11290-1:2017 confirmation using Microgen Listeria ID (MID-67)</p> <p>MM 3.9 based on BS EN ISO 6579-1:2017 confirmation using Microgen GN A – ID (MID-64)</p> <p>MM 1.1.1 based on AOAC method 990.12 using Petrifilm</p> <p>MM 2.1 based on AOAC method 2003.1 using Petrifilm</p> <p>MM 2.9 based on AOAC method 991.14 using Petrifilm</p> <p>MM 3.1 based on AOAC methods 2003.07, 2003.08, 2003.11 using Petrifilm</p> <p>MM 2.11 based on AOAC method 997.02 using Petrifilm</p> <p>MM 2.11 based on AOAC method 997.02 using Petrifilm</p>
<p>WATERS</p> <p>Drinking, potable, process, ice, bottled</p>	<p><u>Microbiological Tests</u></p> <p>Enumeration of:</p> <p><i>Clostridium perfringens</i> (confirmed)</p> <p>Coliforms (confirmed)</p>	<p>Documented In-House Methods</p> <p>MM 6.1 based on Microbiology of Drinking Water 2015 part 6</p> <p>MM 5.2 based on Microbiology of Drinking Water 2016 part 4D using Colilert</p>



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<p>WATERS Drinking, potable, process, ice, bottled (cont'd)</p> <p>Process, potable, cooling towers</p>	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Enumeration of: (cont'd)</p> <p>E. coli (confirmed)</p> <p>Enterococci</p> <p><i>Pseudomonas aeruginosa</i> (confirmed)</p> <p>Total Viable Count at 22°C and at 37°C</p> <p><i>Legionella</i> spp, detection and enumeration, confirmed</p>	<p>Documented In-House Methods</p> <p>MM 5.2 based on Microbiology of Drinking Water 2016 part 4D using Colilert</p> <p>MM 5.1 based on Microbiology of Drinking Water 2012 part 5B using Enterolert</p> <p>MM 5.5 based on Microbiology of Drinking Water 2015 part 8</p> <p>MM 4.1 based on Microbiology of Drinking Water 2012 part 7</p> <p>MM 6.7 based on BS 6068-4.12:1998 (withdrawn)</p>
<p>WATERS Drinking, potable, process, ice, bottled</p> <p>Drinking, bottled, surface, ground, rain, bathing</p>	<p><u>Chemical Tests</u></p> <p>pH</p>	<p>Documented In-House Methods</p> <p>CM 2.1 based on BS ISO 10523:2008</p>
END		