

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



2128

Accredited to
ISO/IEC 17025:2005

Sci-Tech Laboratories, a trading division of Cawood Scientific Limited

Issue No: 031 Issue date: 23 February 2018

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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 (and cloacal swabs) (carcass swabs only) (carcass swabs only)	<u>Microbiological Tests</u> Detection: <i>Salmonella</i> spp, confirmed to group level using serology Enumeration: Total aerobic colony count at 30 °C for 72 hr <i>Enterobacteriaceae</i> , presumptive	Documented In-House Methods: In house documented methods EIB 8 using BPW enrichment followed by RVS Broth ICP 8 based on BS EN ISO 4833-1:2013 ICP 8 based on BS EN ISO 21528-2:2004
Digestates / Composts	<u>Microbiological Tests</u> Enumeration: β - glucuronidase positive Escherichia coli	Documented In-House Methods: EIB-25 based on BS EN ISO 16649-2:2001 to meet the requirements of the Animal By Products (Enforcement) (England) Regulations 2013 No 881, as implemented by EU Regulations 142/2011 and or in accordance with the requirements of PAS 110:2010 or PAS 100:2011 (where applicable)
Eggs (BEIC Lion egg code)	Detection: <i>Salmonella</i> spp	ICP 6 - in accordance with Lion egg code (2013 Annex Q) – Rappaport Vassiliadis broth



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<p>ENVIRONMENTAL SWABS (cont'd)</p> <p>(Faecal material) (Boot swabs, dust Gauze swabs/pads, liners, fluff, animal feed,</p>	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Isolation of motile <i>Salmonellae</i>, confirmed to group level using serology</p>	<p>Documented In-House Methods:</p> <p>1) Method No EIB 9 and GMT 17 based on ISO 6579-1:2017 for the purpose of the Control of Salmonella in Poultry (England) Order 2007 as implemented by Regulation (EC) No 2160/2003 and Control of Salmonella in Poultry (Scotland) Order 2008 as implemented by Regulation (EC) No 2160/2003</p> <p>2) EIB 9 + GMT 20 cull/DOA procedure, documented in house method using BPW enrichment followed by semi-solid RV agar</p>
<p>Compost Digestate and raw feed materials</p>	<p>Isolation of Salmonella confirmed to group level using serology</p>	<p>Method EIB 24 based on BS EN ISO 6579-1:2017 to meet the requirements of the Animal By-Products Regulations (Enforcement) (England) Regulations, 2013</p>
<p>CULL CHICKS</p>	<p><u>Microbiological Tests</u></p> <p>Isolation of motile (including <i>S arizonae</i>) and non-motile <i>Salmonella</i> spp confirmed to group level using serology</p>	<p>Documented In-House Methods:</p> <p>Method No EIB 8 and GMT 17 based on ISO 6579- 1: 2017 for the purpose of the Control of Salmonella in Poultry (England) Order 2007 as implemented by Regulation (EC) No 2160/2003 and for the purpose of the Trade in Animals and Related Products Regulation 2011 (TARP) as implemented by Council Directive 2009/158/EC using documented in house methods based on sections 2.3.11 and 2.9.9 of the OIE manual</p>
<p>FOOD AND FOOD PRODUCTS</p>	<p>Detection:</p> <p>Isolation of motile and non motile <i>Salmonella</i> spp, confirmed to group level using serology</p>	<p>EIB 8 + GMT 17 using BPW enrichment & RVS selective Broth</p>



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FOOD AND FOOD PRODUCTS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented in house methods
specifically poultry feed samples and eggs)	Enumeration: Presumptive <i>Pseudomonas</i> spp.	Method EIB3 based on ISO 13720:2010
	<i>Enterobacteriaceae</i> , presumptive	Method EIB 2 +GMT 17 based on ISO 21528-2:2004 for the purpose of the Animal By-Products (Enforcement)(England/Scotland) Regulations 2011
	Total aerobic colony count at 30 °C for 72 hr	EIB 1 based on BS EN ISO 4833-1 :2013
WATER (Mineral and Potable)		Documented In-House Methods based on "The Microbiology of Drinking Water" (MDW) series year of issue indicated in parenthesis
	Faecal streptococci, presumptive	Method EIB 15 by membrane filtration based on MDW (2012), Part 5A
	<i>Pseudomonas aeruginosa</i> , presumptive	Method EIB 15 by membrane filtration based on MDW (2015), Part 8
	Sulphite reducing Clostridia	Method EIB 15 by membrane filtration based on MDW (2015), Part 6
	Total aerobic colony count at 22 °C for 68 h	Method EIB 15 by pour plate using yeast extract agar based on MDW (2012), Part 7A
	Total aerobic colony count at 37 °C for 44 h	Method EIB 15 by pour plate using yeast extract agar based on MDW (2012), Part 7A
	Coliforms, presumptive	Method EIB 15 by membrane filtration, using MLGA based on MDW (2016), Part 4
	<i>Escherichia coli</i> , presumptive	Method EIB 15 by membrane filtration, using MLGA based on MDW (2016), Part 4



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WATER (Mineral and Potable) (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods based on "The Microbiology of Drinking Water" (MDW) series year of issue indicated in parenthesis
Irrigation Water	Detection: Salmonella spp.	EIB-23 based on The Microbiology of Drinking Water (2006) – Part 9
Whole blood, serum, ear notch tissue (individual and pooled)	<u>Molecular Tests</u> <u>Detection of Bovine Viral Diarrhoea Virus and Border Disease (BVDV/BDV) RNA</u>	SOP PCR-7 and PCR-8 using Kingfisher magnetic extraction and detection of BVDV/BDV using Applied Biosystems 7500 RT-PCR Cycler and BVDV/BDV 4ALL PCR kit
POULTRY (CHICKEN AND TURKEY) SERUM	<u>Serology Tests</u> Detection of antibodies to: <i>Mycoplasma synoviae</i> <i>Mycoplasma gallisepticum</i>	Documented In-House Methods Serology-1 based upon the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2009 section 2.3.5 using rapid slide agglutination tests Method No Serology-1 for the purpose of the Trade in Animals and Related Products Regulation 2011 (TARP) as implemented by Council Directive 2009/158/EC using documented in house methods based on section 2.3.5 of the OIE manual



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POULTRY (CHICKEN AND TURKEY) SERUM (cont'd)	<u>Serology Tests</u> (cont'd) <i>Salmonella pullorum</i>	Documented In-House Methods Method No Serology-1 for the purpose of the Trade in Animals and Related Products Regulation 2011 (TARP) as implemented by Council Directive 2009/158/EC using documented in house methods based on section 2.3.5 of the OIE manual Serology-1 based upon the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2009 section 2.3.5 using rapid slide agglutination tests
Whole blood, Serum, Ear notch tissue	<u>Virology Tests</u> Detection of Bovine Viral Diarrhoea Virus (BVDV)	SERO-15 by ELISA (IDEXX BVDV Ag/serum plus kit)
END		