

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK



4352

Accredited to
ISO/IEC 17025:2005

Alex Stewart Agriculture Limited, trading as Huson and Hardwick

Issue No: 007 Issue date: 25 November 2015

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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
ANIMAL FEEDS	<u>Chemical Tests</u>	Documented in-house methods identified by method number
	Acid Insoluble Ash	07L.1.018 based on ISO 5985:2002
	Ash (Crude)	07L.1.011 based on ISO 5984:2002
	Calcium	07L.1.005 based on ISO 6869:2000
	Chloride (Total)	07L.1.009 based on Pearsons Chemical Analysis of Foods using muffle oven and Titration
	Fatty Acid Methyl Esters	07L.1.006 based on ISO 12966-2:2011
	Fibre (Crude)	07L.1.007 based on ISO 6865:2001
	Magnesium	07L.1.005 based on ISO 6869:2000
	Moisture and Volatile Matter	07L.1.002 based on ISO 6496:1999
	Nitrogen	07L.1.003 based on ISO 5983-1:2005
	Oils and Fats (Crude)	07L.1.004 based on EEC 98/64/EC
	Potassium	07L.1.010 based on ISO 7485:2000
	Sodium	07L.1.010 based on ISO 7485:2000
Oilseed (Rapeseed)	Moisture	07L.1.012 based on ISO 665:2000
	Oils	07L.1.013 based on ISO 659:2009



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ANIMAL FEEDS (cont'd)	<u>Calculated Values</u> Protein (Crude) (Calculated from Nitrogen) <u>Microbiological Tests</u> Detection of: <i>Salmonella spp</i> Enumeration of: <i>Clostridium perfringens</i> Enterobacteriaceae	Documented in-house methods identified by method number 07L.1.003 based on ISO 5983-1:2005 Documented in-house methods identified by method number 07M.1.001 based on BS EN ISO 6579:2002 + A1:2007 in accordance with the Animal By-Products Regulations (ABPR) 2011 with specific reference to Regulation (EC) 1069/2009 and 142/2011 07M.1.003 based on BS EN ISO 7937:2004 in accordance with the Animal By-Products Regulations (ABPR) 2011 with specific reference to Regulation (EC) 1069/2009 and 142/2011 07M.1.002 based on BS ISO 21528-2:2004 in accordance with the Animal By-Products Regulations (ABPR) 2011 with specific reference to Regulation (EC) 1069/2009 and 142/2011
ENVIRONMENTAL SAMPLES	<u>Microbiological Tests</u> Detection of: <i>Salmonella spp</i> Enumeration of: Aerobic Colony Count	07M.1.004 based on BS EN ISO 6579:2002 + A1:2007 07M.1.007 based on BS EN ISO 4833:2003



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ENVIRONMENTAL SAMPLES (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented in-house methods identified by method number
	Coliforms (presumptive)	07M.1.011 based on BS ISO 4832:2006 at 37 °C
	<i>E. coli</i> (βeta-glucuronidase-positive)	07M.1.010 based on BS ISO 16649-2:2001
	Enterobacteriaceae (presumptive and confirmed)	07M.1.005 based on BS ISO 21528-2:2004
	Coagulase positive staphylococci including <i>Staphylococcus aureus</i>	07M.1.012 based on BS EN ISO 6888-1:1999
FOOD and FOOD PRODUCTS	<u>Chemical Tests</u>	
	Ash	07L.1.016 based on BS 4401-1:1998
(excluding dairy products and oil seeds)	Fat (Total)	07L.1.017 based on BS 4401-4:1970
Foods containing <15% sugar (excluding dairy products, oil seeds and liquid foods)	Moisture and Volatile Matter	07L.1.015 (method A) based on BS 4401-3:1997
Foods containing >15% sugar (excluding dairy products, oil seeds and liquid foods)	Moisture and Volatile Matter	07L.1.015 (method B) based on BS 4401-3:1997
	Protein (Crude) (Calculated from Nitrogen)	07L.1.018 based on BS 4401-2:1980
Other than matrices affected by above exclusions	Energy and Carbohydrate by Calculation	07L.1.019
FOOD and FOOD PRODUCTS	<u>Microbiological Tests</u>	Documented in-house methods identified by method number
	Detection of:	
	<i>Salmonella</i> spp	07M.1.004 based on BS EN ISO 6579:2002 + A1:2007



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FOOD and FOOD PRODUCTS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented in-house methods identified by method number	
	Enumeration of:		
	Aerobic Colony Count		07M.1.007 based on BS EN ISO 4833:2003
	<i>Bacillus cereus</i> (presumptive)		07M.1.013 based on BS EN ISO 7932:2004
	<i>Clostridium perfringens</i>		07M.1.006 based on based on BS EN ISO 7937:2004
	Coliforms (presumptive)		07M.1.011 based on BS ISO 4832:2006 at 37 °C
	<i>E. coli</i> (beta-glucuronidase-positive)		07M.1.010 based on BS ISO 16649-2:2001
FOOD and FOOD PRODUCTS (aW >0.95)	Mould	07M.01.009 based on BS ISO 21527-1:2008	
	Yeast	07M.01.009 based on BS ISO 21527-1:2008	
FOOD and FOOD PRODUCTS (Aw ≤0.95)	Mould	07M.01.008 based on BS ISO 21527-2:2008	
	Yeast	07M.01.008 based on BS ISO 21527-2:2008	
END			