

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING</p> <p>1378</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p><b>Salamon &amp; Seaber Ltd</b></p> <p>Issue No: 026    Issue date: 05 March 2021</p>	
	<p>First Floor 2-8 Beaumont Grove London E1 4NQ</p>	<p>Contact: Mr M Blotz Tel: +44 (0)20 7791 2392 Fax: +44 (0)20 7791 3033 E-Mail: <a href="mailto:post@salamonandseaber.co.uk">post@salamonandseaber.co.uk</a> Website: <a href="http://www.salamonandseaber.co.uk">www.salamonandseaber.co.uk</a></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 FEEDINGSTUFFS	<p><u>Chemical Tests</u></p> <p>Ash</p> <p>Fibre</p> <p>Moisture</p> <p>Nitrogen and Crude Protein by calculation</p> <p>Oil A</p> <p>Phosphorus (total)</p> <p>Starch</p> <p>Urease activity</p> <p>Nitrogen and Crude Protein by calculation</p>	<p>Documented In-House Methods</p> <p>M3.6 based on BS ISO 5984:2002</p> <p>M3.5 based on ISO 6865:2000 and BS 5766-23:2000</p> <p>M3.2 based on ISO 6496:1999 and BS 5766-8:1999</p> <p>M 3.4 based on BS EN ISO 5983-2:2009 by Kjeldahl method</p> <p>M3.3 based on ISO 6492:1999 BS 5766-18:1999</p> <p>M 3.18 based on ISO 6491:1998 and BS 5766-3:1998</p> <p>M3.13 based on ISO 6493:2000 and BS 5766-19:2000</p> <p>M3.11 based on BS ISO 5506:2018</p> <p>M3.9 based on BS EN ISO 16634-1:2008 by Dumas combustion method</p>



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ANIMAL FEEDINGSTUFFS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In House Methods based on the methods of SI No. 2280 (2010), The Feed (Sampling and Analysis and Undesirable Substances) Regulations, citing Commission Regulation (EC) No. 152/2009, Annex III.
	Oil B	M3.22 Annex III, Part H Procedure B
	Sand and/or Silica	M3.8 Annex III, Part N
	Sugar	M3.12 Annex III, Part J



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FOODS and FOOD PRODUCTS	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods
	Ash	FM 3.5 based on BS 4401:Part 1:1998
	Chloride	FM 3.8 using Potentiometric Titration
	Dietary fibre	FM 3.19 by AOAC method
	Fat (free)	FM 3.3 based on BS 4401:Part 5:1996
	Fat (total)	FM 3.17 based on BS 4401:Part 4, Method B:1970 and as amended
	Fatty acid profile	FM 3.13 based on ISO 12966-2:2017
	Moisture	FM 3.2 based on BS 4401:Part 3:1997
	Nitrogen and Crude Protein by calculation	M 3.9 based on BS EN ISO 16634-1:2008 by Dumas combustion method
	Meat content	FM 3.9, calculation based on results of accredited methods
	Energy	FM 3.22, calculation based on results of accredited methods
	Sodium Potassium ]	FM 3.16 based on AOAC Methods 983.03 and 955.06 using Flame Photometry
	pH	FM 3.21 based on BS4401: Part 9 :1975
	Nitrogen and Protein by calculation	FM 3.4 using Kjeldahl method
	Phosphorus (total)	FM 3.20
Starch	M 3.13	
Sugar	FM 3.10	
Oil Seeds	Nitrogen and Protein by calculation	M 3.9 based on BS EN ISO 16634-1:2008 by Dumas combustion method



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FOODS and FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods based on International Commission for Uniform Methods of Sugar Analysis, 1994:
Sugars	Ash	SM 3.3
	Moisture	SM 3.2
	Polarisation	SM 3.1
	Reducing sugars (Lane and Eynon)	SM 3.4
	Solution colour	SM 3.6



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FERTILISERS (Solid and liquid)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods
	Ammoniacal nitrogen	FERT2 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 2.1 Kjeldahl procedure following sample preparation according to FERT1 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 1
	Nitrogen and ammoniacal nitrogen	FERT3 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 2.1 Devarda procedure following sample preparation according to FERT1 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 1
	Total Nitrogen	FERT4 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 2.1 Regulation Method 2.3.3 Kjeldahl procedure following sample preparation according to FERT1 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 1
	Nitric nitrogen	FERT5 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 2.6.2 section 7.4 by calculation following sample preparation according to FERT1 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 1
	Soluble Phosphorus pentoxide	FERT6 based on Section 4.1 Mineral acid digestion procedure. EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 3.1 Spectrophotometric method following sample preparation according to FERT1 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 1
Potassium oxide	FERT7 based on EC 2003/2003 OJ L304 21/11/2003 Annex IV Section B Method 4.1 by Atomic Absorption Spectroscopy following sample preparation according to FERT1 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 1	



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FERTILISERS (Solid and liquid)	<u>Chemical Tests</u> (cont'd)  Calcium	Documented In-House Methods  FERT8 based on EC 2003/2003 OJ L304 21/11/2003 Annex IV Section B Method 8.1 Analyts determination 8.6. Gravimetric method following sample preparation according to FERT1 based on EC 2003/2003, OJ L304 21/11/2003 Annex IV Section B Method 1
END		