

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> | Salamon & Seaber Ltd | |
| | Issue No: 017 Issue date: 18 April 2011 | |
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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 FEEDINGSTUFFS | <u>Chemical Tests</u> Aflatoxin B ₁ , B ₂ , G ₁ , G ₂ and total aflatoxins Ash Calcium Carbonates Fibre Moisture Nitrogen and Crude Protein by calculation Oil A Oil B Protein (Digestible) Phosphorus (total) | Documented In-House Methods closely based on the methods of SI 1982, No 114, SI 1985 No 1119 'The Feeding Stuffs (Sampling and Analysis) Regulations' M 3.24 by HPLC based on BS 14123:2007 M 3.6 Regulations Method 12 M 3.17 Regulations Method 15a M 3.10 Regulations Method 27 M 3.5 Regulations Method 6 M 3.2 Regulations Method 2 M 3.4 Regulations Method 4 M 3.3 by Feeding Stuffs Regulation SI 1119, 1985, Procedure A M 3.22 based on EC Official Journal L257, 1998, Annex Part B, Procedure B 1) M 3.20 Regulations Method 13 M 3.18 Regulations Method 8 |



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| ANIMAL FEEDINGSTUFFS (cont'd) | <u>Chemical Tests</u> (cont'd) | |
| | Sand | M 3.7 based on AOAC Method 3.004, 1984 |
| | Sand and/or Silica | M 3.8 Regulations Method 13 |
| | Starch | M 3.13 Regulations Method 30a |
| | Sugar | M 3.12 M 3.12 Regulations Method 10a |
| | Urease activity | M 3.11 Regulations Method 29 |
| | Sodium and Potassium | FM 3.16 based on AOAC Methods 983.03 and 955.06 using Flame Photometry |
| FOODS and FOOD PRODUCTS | <u>Chemical Tests</u> | Documented In-House Methods: |
| Cereals, Nuts, Figs, Spices and related products | Aflatoxin B ₁ , B ₂ , G ₁ , G ₂ and total aflatoxins | M 3.24 by HPLC based on BS 14123:2007 |
| FOODS and FOOD PRODUCTS | Ash | FM 3.5 based on BS 4401:Part 1:1998 |
| | Chloride | FM 3.8 using Potentiometric Titration |
| | Dietary fibre | 1) FM 3.14 by Englyst method 2) 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 5509:1978 and ISO 5508:1990 |
| | Hydroxyproline | FM 3.7 based on BS 4401:Part 11:1995 |
| | Moisture | FM 3.2 based on BS 4401:Part 3:1997 |



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| FOODS and FOOD PRODUCTS (cont'd) | <u>Chemical Tests</u> (cont'd) | |
| | Nitrate] Nitrite] | FM 3.11 based on Journal of Association of Public Analysts, 11, 1973 |
| | Nitrogen and Protein by calculation | FM 3.4 based on BS 4401:Part 2:1980 |
| | Meat content | FM 3.9, calculation based on results of accredited methods |
| | Energy | FM 3.22, calculation based on results of accredited methods |
| | pH | FM 3.21 based on BS 4401:Part 9:1975 |
| | Phosphorus (total) | FMG 5 based on Feeding Stuffs Regulations SI 1144, 1982, Method 8 |
| | Sodium] Potassium] | FM 3.16 based on AOAC Methods 983.03 and 955.06 using Flame Photometry |
| | Starch | M 3.13 Feeding Stuffs Regulations SI 1144, 1982, Method 30a |
| | Sugar | FM 3.10 based on EC Directive No 71/250/EEC, Official Journal No L155/13, 12/7/71 by Luff-Schoorl method |
| | Sulphur dioxide | FM 3.6 |
| | Water activity | FM 3.15 using water activity meter |
| | SUGARS | <u>Chemical Tests</u> |
| Ash | | SM 3.3 |
| Moisture | | SM 3.2 |
| Polarisation | | SM 3.1 |



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| SUGARS (cont'd) | <u>Chemical Tests</u> (cont'd) Reducing sugars (Lane and Eynon) Reducing sugars (Berlin Institute) Solution colour | SM 3.4 SM 3.5 SM 3.6 |
| | END | |