


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>	<h3>Sciantec Analytical Services Ltd</h3> <p>Issue No: 017 Issue date: 08 May 2012</p>	
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<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 FEEDING STUFFS	<u>Chemical Tests</u>	Documented In-House Methods:
	Moisture	S 1023 using Gravimetry
	Starch	S 1028 using Polarimetry
	Crude Fibre	S 1022 using Gravimetry
	Neutral Cellulose Gammanase Digestibility	S 1043 by calculation
	Indigestible Organic Matter	S 1014 using enzymatic gravimetry
	Neutral Detergent Fibre	S 1012 using Enzymatic Gravimetry
	Total Sugar	S 1027 using the Luff Schoorl method
	Oil-A	S 1013 using Soxhlet Method
	Oil-B	S 1026 using modified Weibul Acid Hydrolysis Method
	Crude Protein and Nitrogen	S 1018 using the DUMAS method
	Salt (Sodium Chloride)	S 1002 using Electrometry
	Ash (Total Mineral Matter)	S 1024 using Gravimetry
	Aflatoxins B1, G1, B2, G2 Total Aflatoxins	S 1006 by HPLC using Post Column Electrochemical Derivatisation
Chlorotetracycline hydrochloride	S 2520 by HPLC and UV detection	



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ANIMAL FEEDING STUFFS (cont'd)	<u>Chemical Tests</u> (cont'd) Calculated energy value for Pig, Poultry and Ruminant Feed by calculation Moisture Starch Crude Fibre NDF NCGD Total Sugar Oil-A Oil-B Crude Protein Ash Salt <u>Minerals</u> Calcium Copper Iron Magnesium Manganese Phosphorus Potassium Sodium Zinc	Documented In-House Methods: S 1003 S 1021 using Near Infra-Red analysis S 1015 using ICP-OES
CEREALS	Moisture Hagberg Falling number Hectolitre weight Crude Protein and Nitrogen	S 1029 using Gravimetry S 1001 using falling number apparatus 1025 using Kern chondrometer S 1018 using the DUMAS method
CEREALS and ANIMAL FEEDING STUFFS	Deoxynivalenol (DON, Vomitoxin)	S 1008 using HPLC with UV/Vis detection
BAKERY PRODUCTS AND FLOUR	Ash Moisture Starch Total Sugar	S 1024 using Gravimetry S 1023 using gravimetry S 1028 using polarimetry S 1027 by Luff School



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BAKERY PRODUCTS AND FLOUR (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:
	Neutral Detergent Fibre (NDF)	S 1012 using enzymatic gravimetry
	Total Oil (Fat)	S 1026 by using modified Weibul Acid Hydrolysis Method
	Carbohydrate and energy in food	S 1019 by calculation
	Crude Fibre	S 1022 using gravimetry
	Salt (Sodium Chloride)	S 1002 using electrometry
	Aflatoxins B1, G1, B2, G2 Total Aflatoxins	S 1006 by HPLC using Post Column Electrochemical Derivatisation
	Neutral Cellulose Gammanase Digestibility	S 1043 by calculation
	Indigestible Organic Matter	S 1014 by enzymatic gravimetry
	Crude Protein and Nitrogen	S 1018 by Dumas
ANIMAL BY-PRODUCTS, COMPOSTS AND ANAEROBIC DIGESTATES	<u>Minerals</u> Calcium Copper Iron Magnesium Manganese Phosphorus Potassium Sodium Zinc	S 1015 using ICP-OES
	<u>Microbiology Tests</u>	Documented in-house methods
	Detection of <i>Salmonella</i> spp	Method S 2100 for the purpose of ABPR 2011 using selective enrichment in RV and plating onto BGA in accordance with Regulations EC 1069/2009 and 142/2011



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<p>ANIMAL BY-PRODUCTS, COMPOSTS AND ANAEROBIC DIGESTATES (cont'd)</p> <p>COMPOUND ANIMAL FEED, FEED RAW MATERIALS AND PLANT SAMPLES, SWABS FROM FEED PRODUCTION/ DELIVERY AREAS, COMPOSTS AND ANAEROBIC DIGESTATES</p> <p>FOOD PRODUCTS, ANIMAL FEED, ENVIRONMENTAL AND PLANT SAMPLES, INCLUDING SWABS, COMPOSTS AND ANAEROBIC DIGESTATES</p>	<p><u>Microbiology Tests</u> (cont'd)</p> <p>Detection and enumeration of Enterobacteriaceae</p> <p>Detection of <i>Salmonella</i> spp</p> <p>Enumeration of presumptive Enterobacteriaceae</p>	<p>Documented in-house methods</p> <p>Method S 2101 for the purpose of ABPR 2011 based on ISO 21528-2:2004 in accordance with Regulations EC 1069/2009 and 142/2011</p> <p>S 2103 using selective enrichment in RV and plating onto BGA</p> <p>S 2104 based on BS ISO 21528-2:2004 (without confirmation)</p>
END		