


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 2746</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>AFBI - Hillsborough</h3> <p>Issue No: 009 Issue date: 14 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
	<u>Chemical Tests</u>	Documented In-House Method:
Animal Feeding Stuffs and By-Products	Ash	Method L03
	Dry Matter	Method L09
Animal Feeding Stuffs, By-Products and Oil Seeds	Oil 'A'] Method L30
	Oil 'B'	
Oven Dried Faeces	Gross energy (17.0 - 21.5 Mj/KgDM)] Method L11 using Parr Bomb Calorimetry
Oven Dried Silage	Gross energy (16.0 - 22.0 Mj/KgDM)	
Oven Dried Concentrates	Gross energy (15.0 - 25.0 Mj/KgDM)	
Fresh Silage	Gross energy (2.0 - 7.5 MJ/KgDM)	
Fresh Milk	Gross energy (1.95 - 5.0 MJ/KgDM)	
Fresh Urine	Gross energy (0.05 - 0.87 MJ/KgDM)	
Milk	Protein, Fat and Lactose	
Forage and concentrates	Nitrogen	Method L51 by DUMAS
Animal Feeding Stuffs, By products and pet foods	Nitrogen	Method L27 by Kjeldahl digestion
Animal Feeding Stuffs and By-products	Crude Fibre	Method L14 by Fibre Analyzer (filer bag technique)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Grass silage	<u>Chemical Tests</u> (cont'd) HFIS Forage Analysis Predicted parameters include Dry Matter (%), pH, Protein (%DM), ME (MJ/kg DM), D-value (%DM), DMD (%DM), FIM Intake (g/kgW ^{0.75}), HFIS Intake (g/kgW ^{0.75}), Lactic acid (%DM), VFAs (%DM), NDF (%DM), Soluble sugars (%DM) & Oil (%DM)	Documented In-House Method: Method L50 by NIRS scan using FOSS NIRS system
Grass	Ensilability test Nitrate (50-5000ppm), Buffering capacity (50-1000meq/kg DM)	Method 23(d) by wet Chemistry using Metrohm Tiamo
	END	