


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>	Aberystwyth University - Institute of Biological Environmental and Rural Studies (IBERS)	
	Issue No: 005 Issue date: 05 June 2009	
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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
PLANT MATERIAL and ANIMAL FEED	<u>Chemical Tests</u>	Documented In-House Method:
	Acid detergent fibre	STM 017 using the Gerhardt Fibrecap system
	Ash	STM 015 by gravimetric determination
	Extractable phosphorus	STM 012 by colorimetry
	Extraction of sodium, potassium, calcium, magnesium and phosphorous from animal feed	STM 010 by dry ashing
	Neutral cellulose Gamanase Digestibility	STM 019 using the Gerhardt Fobrecap system
	Neutral detergent fibre	STM 016 using the Gerhardt Fibrecap system
	Oil (Free)	STM 021 using the Soxtec system
	Oil (total)	STM 022 by Acid Hydrolysis
	Sodium, potassium, calcium and magnesium	STM 011 by ICP-AES
Starch	STM 020 by the automated anthrone technique	
Water-soluble carbohydrates	STM 013 by an automated anthrone method	



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Issue No: 005 Issue date: 05 June 2009

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PLANT MATERIAL, ANIMAL FEED and SOIL PLANT MATERIAL, ANIMAL FEED ,SOIL, MILK and URINE SILAGE and SUPERNATANTS SOIL	<u>Chemical Tests</u> (cont'd)	Documented In-House Method:
	Residual dry matter	STM 014 by gravimetric determination
	Total nitrogen and protein	STM 009 using the Leco analyser
	Volatile fatty acids	STM 023 by gas chromatography
	Extractable phosphorus	STM 008 by colorimetry
	Extraction of sodium, potassium, calcium, magnesium and phosphate-phosphorus	STM 001 by acetic acid extraction
	Organic matter	STM 004 by loss on ignition
	Organic carbon	STM 005 by oxidation
	Phosphate-Phosphorus	STM 003 by colorimetry
	Potassium and magnesium	STM 007 by ICP-AES after ammonium nitrate extraction
Sodium, potassium, calcium and magnesium	STM 002 by ICP-AES after acetic acid extraction	
Ammonium and nitrate-nitrogen	STM 006 by colorimetry	
	END	