


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>28871</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Eurofins Agro Testing UK Limited</h3> <p>Issue No: 001 Issue date: 02 October 2023</p>	
	<p>Pentlands Science Park Bush Loan Penicuik EH26 0PZ</p>	<p>Contact: Andrew Shead Tel: +44 (0) 1902627227 E-Mail: agrotesting@ftuki.eurofins.com Website: https://www.eurofins-agro.co.uk</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
SEDIMENTS, SLUDGES AND ORGANIC WASTE	<p><u>Chemical Tests</u></p> <p>Fluoride (acid soluble)</p> <p>Aqua Regia Soluble elements as listed below:</p> <p>Aluminium (not soils) Calcium Cadmium* Copper* Chromium Iron Lead* Magnesium Manganese Nickel* Molybdenum* Phosphorus Potassium Sodium Sulphur Zinc</p>	<p>Documented In-house Methods unless otherwise stated</p> <p>CHEMWSOXF by Ion selective electrode</p> <p>CHEMWSOTOWDigest: & CHEMIICP by ICP-OES spectrometry * using microwave digestion by CHEMSOTOWDIGEST</p>
SOIL plus LIME requirement soils only	pH	CHEMPGPSPH by SKALAR robot pH electrode
TISSUE	Copper (Nitric Acid digest) Lead (Nitric Acid digest)	TISSUE/Microwave Digestion/ICP spectrometry
SERUM, PLASMA	Copper Zinc	CHEMIMSSERMIN by ICP-MS
WHOLE BLOOD	Lead Manganese	SOP/VSG/CHEMIMS by ICP-MS



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SOILS	<p><u>Chemical / Physical Tests</u></p> <p>Organic Matter (Loss on ignition)</p> <p>Aqua regia extractable metals: Arsenic Cadmium Chromium Copper Lead Mercury Molybdenum Nickel Selenium Zinc</p> <p>Boron (Hot CaCl₂ extractable)</p> <p>Phosphorus (Olsen's)</p> <p>Ammonium Nitrate Extractable elements as listed below Potassium Magnesium Sodium</p> <p>Potassium (Modified Morgan's) Magnesium (Modified Morgan's) Calcium (Modified Morgan's) Sodium (Modified Morgan's)</p> <p>Cobalt (Acetic Acid Extractable)</p> <p>Sulphur</p> <p>Copper (EDTA Extractable) Zinc (EDTA Extractable)</p>	<p>Documented In-house Methods unless otherwise stated</p> <p>CHEMWSOLOIASH ASH by gravimetry</p> <p>CHEMIMS by ICP-MS using microwave digestion by CHEMSOTOWDIGEST</p> <p>SOXB/ICP by ICP spectrometry</p> <p>ADAS Routine P by spectrometry</p> <p>ADAS Routine analysis by ICP spectrometry</p> <p>SAC Routine analysis by ICP spectrometry</p> <p>SOXCO by ICP spectrometry</p> <p>SOXS by ICP spectrometry</p> <p>SOXEDTA by ICP spectrometry</p>



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PLANTS, ANIMAL FEEDS AND SOILS	Chemical / Physical Tests Nitrogen (Kjeldahl)	Documented In-house Methods unless otherwise stated CHEMWNCP, CHEMWSEMIMICRODIG, CHEMWMACRODIG Kjeldahl digestion and potentiometric titration using Gerhardt Vapodest 50S
PLANT TISSUE, ANIMAL FEED FORAGE, CONCENTRATES AND COMPLETE DIETS	Dry matter	CHEMWSOLOIASH Dry Matter using oven drying at 100 °C
PLANT TISSUE, ANIMAL FEEDS AND ANIMAL TISSUE	Arsenic Cadmium Cobalt Selenium Molybdenum Lead	CHEMIMSMWMINS ICP-MS, prepared by Nitric Acid Digest
PLANT TISSUE, ANIMAL FEED FORAGE, CONCENTRATES AND COMPLETE DIETS	Boron Calcium Copper Iron Magnesium Manganese Phosphorus Potassium Sodium Sulphur Zinc	CHEMWMINDIG, CHEMWTISSUEDM, CHEMIICP ICP-OES spectrometry prepared by Nitric Acid Digest
	Nitrogen (Kjeldahl) and crude protein	NITROGEN - CRUDE by Kjeldahl Digest/Steam distillation



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ANIMAL FEED FORAGE, CONCENTRATES AND COMPLETE DIETS	Chemical / Physical Tests	Documented In-house Methods unless otherwise stated
	Crude Protein (Kjeldahl)	Total N Kjeldahl Digest/Steam distillation
	Crude Fibre	CHEMWACF Fibrecap (gravimetric)
	Acid detergent fibre	CHEMWADF Fibrecap (gravimetric)
	Neutral detergent fibre	CHEMWNDF Fibrecap (gravimetric)
	Neutral cellulase and gammanase digestibility	CHEMNCGD Fibrecap (gravimetric) / Maff PB1285
	Starch	CHEMWSTARCH Polarimetry
LIMING MATERIALS	Total Sugars	CHEMWTOTALSUGARS Luff-School Titration
	Neutralising Value	CHEMWNV Titration based on SI 1991, No973
END		