Schedule of Accreditation

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Accredited to ISO/IEC 17025:2005

Alliance Technical Laboratories Limited

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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
FERTILISERS	Chemical/Physical Tests	Documented In-House Methods
	Moisture (loss at 105 °C)	GLPMETH010-002 by gravimetry
	Loss on ignition at 450 °C on a dry matter basis	GLPMETH010-003 by ashing and gravimetry
	Total Phosphorus (Inorganic)	GLPMETH010-005 by acid extraction and colorimetry
FOODS, ANIMAL FEEDS and PETFOODS	Chemical/Physical Tests	Documented In-House Methods
	Ash and mineral content	GLPMETH070-003 using furnace at 500-600 °C
	Carbohydrate by difference	GLPMETH070-010 by documented calculation
	Crude Fibre	GLPMETH070-007 using acid hydrolysis
	Dietary Fibre	GLPMETH070-008 based on AOAC 985.29
	Energy Value	GLPMETH070-011 by documented calculation
	Total Fat (Werner Schmidt)	GLPMETH070-006 by acid hydrolysis and solvent extraction
	Saturated fatty acids in fat and oils including mono–unsaturated and poly-unsaturated fatty acids	GLPMETH070-012 by methylation and GC

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOODS, ANIMAL FEEDS and PETFOODS (cont'd)	Chemical/Physical Tests (cont'd)	Documented In-House Methods
	Moisture	GLPMETH070-002-001 by oven drying at 103-105°C
	Nitrogen and Protein	GLPMETH070-005 using Kjeldahl digestion
	Sodium and salt equivalent	GLPMETH070-009 using Aqua Regia acid digestion and ICP
	Total Sugars as reducing sugars	GLPMETH070-014 using Luff Schoorl titration
SOILS	Chemical/Physical Tests	Documented In-House Methods
	pH	GLPMETH061-002 by electrometric measurement
	Extractable Phosphorus	GLPMETH061-004 by colorimetry
	Extractable Potassium and Magnesium	GLPMETH061-007 by inductively coupled plasma optical emission spectroscopy (ICP-OES) based upon "The Analysis of Agricultural Materials", RB427, MAFF, 1985
WATERS and EFFLUENTS	Chemical/Physical Tests	Documented In-House Methods
Groundwater, Surfacewater Aqueous solutions Wastewater and effluents Purified Water	Suspended and Settleable Solids	GLPMETH030-003 by gravimetry
	Biological Oxygen Demand (BOD)	GLPMETH030-005 by titrimetry
	Chemical Oxygen Demand (COD)	GLPMETH030-008 by digestion with acidic potassium dichromate and colorimetry
	Ammoniacal Nitrogen	GLPMETH030-010 by colorimetry
	Oils, Fats and Greases (FOGs)	GLPMETH030-018 by solvent extraction and gravimetry
	pH	GLPMETH030-002 by electrometric measurement

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATERS and EFFLUENTS (cont'd) Groundwater, Surfacewater Aqueous solutions Wastewater and effluents Purified Water (cont'd)	Chemical/Physical Tests (cont'd) Total Iron and Phosphorus	Documented In-House Methods GLPMETH030-019 by ICP-AES, based on "Methods for the Examination of Water and Associated Materials" - HMSO, 1980
	END	