

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



4164

Accredited to  
ISO/IEC 17025:2017

### Yara UK Ltd Incorporating Yara Analytical Services and Lancrop Laboratories

Issue No: 015

Issue date: 27 July 2023

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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
SOILS	<u>Chemical Tests</u>  pH  Magnesium Potassium  <u>Metals:</u> Arsenic Barium Beryllium Cadmium Cobalt Chromium Copper Molybdenum Nickel Lead Tin Vanadium Zinc	Documented In-house methods - P19 (Macauley method using $\text{CaCl}_2$ as extractant) P18 (Irish Method using Water as extractant)  Documented In-house methods M04.01 using a Morgan's extraction and ICP-OES; and C01 using a 1M Ammonium Nitrate extraction and ICP-OES  Documented In-house method 1.16 using aqua regia microwave extraction and ICP-OES



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Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS (cont'd)	<u>Chemical Tests</u> (cont'd)  Phosphorus	Documented In-house methods M04.02 using a Morgan's extraction and discrete colorimetric analysis; and P06 using an Olsens extraction and discrete colorimetric analysis
BIOTA/VEGETATION/PLANT TISSUE	Organic Matter	Documented In-house method O04 by loss on ignition at 500 °C
Plant material	Total N	Documented In-house method (based on Dumas method) N11 using LECO CNS analyser
	Boron, Calcium, Cobalt, Copper, Iron, Potassium, Magnesium, Manganese, Molybdenum, Sodium, Phosphorus, Sulphur Zinc	Documented In-house method 1.17 using microwave digestion with Nitric acid analysis by ICP-OES
END		