


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 2487</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Agri-Food and Biosciences Institute (NI)</h3> <p>Issue No: 007 Issue date: 12 October 2011</p>	
	<p>Agriculture, Food and Environmental Science Division Agri-Environment Branch Newforge lane Belfast BT9 5PX</p>	<p>Contact: Mr Russell McCune Tel: +44 (0)28 9025 5295 Fax: +44 (0)28 9025 5005 E-Mail: Russell.McCune@afbini.gov.uk Website: www.afbini.gov.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
SOIL	<u>Chemical Tests</u>	
	Total Carbon Total Nitrogen	Total combustion - elemental analysis: documented in-house method LE 4
	pH	Automated potentiometry : documented in-house method SL 4
	Phosphorus (extracted)	Colorimetric analysis by continuous flow analyser: documented in-house method SL 5
	Potassium (extracted)	Flame photometry/continuous flow analyser: documented in-house method SL 6
PLANT MATERIAL	<u>Chemical Tests</u>	
	Total Nitrogen	Total combustion - elemental analysis: documented in-house method LE 1
SURFACE WATER	<u>Chemical Tests</u>	
	Soluble Reactive Phosphorus	Spectrophotometry: documented in-house method FC 4.3
	Total Soluble Phosphorus	Spectrophotometry: documented in-house method FC 4.4



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SURFACE WATER (cont'd)	<u>Chemical Tests</u> (cont'd) Total Phosphorus Total Oxidisable Nitrogen Nitrite - nitrogen Ammonium - nitrogen	 Spectrophotometry: documented in-house method FC 4.4 Colorimetric analysis by CFA: documented in-house method FC 4.7 Colorimetric analysis by CFA: documented in-house method FC 4.10 Colorimetric analysis by CFA: documented in-house method FC 4.14
	END	