


# 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>	<h3>Grain and Seed Analysis</h3> <p>Issue No: 007    Issue date: 10 March 2010</p>	
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<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BARLEY	<p><u>Physical Tests</u></p> <p>Screening for seed size and evenness</p> <p><u>Performance Tests</u></p> <p>Germinative Energy and water sensitivity</p> <p><u>Biochemical Tests</u></p> <p>Hydrogen Peroxide to determine the percentage of living seeds</p> <p>Loose Smut Test</p>	<p>Documented in house methods</p> <p>SOP 17 based on Institute of Brewing Methods of Analysis 1986</p> <p>SOP 14 based on Institute of Brewing Methods of Analysis 1997</p> <p>SOP 15 based on Institute of Brewing Methods of Analysis 1997</p> <p>SOP 21 based on International Seed Testing Association (ISTA) Handbook on Seed Health Testing Section 2 Working Sheet No 25</p>
CEREALS	<p><u>Chemical Tests</u></p> <p>Nitrogen (and Protein by calculation)</p>	<p>SOP 16 based on the Institute of Brewing Methods of Analysis, 1997 by Kjeldahl method</p>
CEREAL SEEDS	<p><u>Physical Tests</u></p> <p>Analytical purity</p> <p>Determination of other seeds</p> <p>Moisture content</p>	<p>Methods carried out according to current International Seed Testing Association (ISTA) Rules</p> <p>SOP 02 ISTA Rules, Section 3</p> <p>SOP 03 ISTA Rules, Section 4</p> <p>SOP 05 ISTA Rules, Section 9</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
CEREAL SEEDS (cont'd)	<u>Physical Tests</u> (cont'd)  Thousand seed weight  <u>Performance Tests</u>  Germination  <u>Biochemical Tests</u>  Tetrazolium viability	Methods carried out according to current International Seed Testing Association (ISTA) Rules (cont'd)  SOP 10 ISTA Rules, Section 10  SOP 04 ISTA Rules, Section 5  1) SOP 06 ISTA Rules, Section 6  2) SOP 24 Based on the Institute of Brewing Methods of Analysis, 1997, rapid staining method
OIL SEED RAPE	<u>Chemical Tests</u>  Moisture  Oil  Germination  <u>Physical Tests</u>  Impurities	Documented in house methods  SOP 13 part 1 based on ISO 665:2000 using drying oven  SOP 13 part 3 based on Federation of Oil Seeds and Fats Association using Near Infra Red Analyser  SOP 13 part 4 ISTA Rules, Section 5  SOP 13 part 2
	END	