


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Grain and Seed Analysis</h3> <p>Issue No: 012    Issue date: 12 May 2022</p>	
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<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
BARLEY	<u>Physical Tests</u>	Documented in house methods
	Screening for seed size and evenness	SOP 17 based on Institute of Brewing Methods of Analysis 1986
	<u>Performance Tests</u>	
	Germinative Energy and water sensitivity	SOP 14 based on Institute of Brewing Methods of Analysis 1997
	<u>Biochemical Tests</u>	
	Hydrogen Peroxide to determine the percentage of living seeds	SOP 15 based on Institute of Brewing Methods of Analysis 1997
CEREALS	Loose Smut Test	SOP 21 based on International Seed Testing Association (ISTA) Handbook on Seed Health Testing Section 2 Working Sheet No 25
	<u>Chemical Tests</u>	
	Nitrogen (and Protein by calculation)	SOP 16 based on the Institute of Brewing Methods of Analysis, 1997 by Kjeldahl method
CEREAL SEEDS	<u>Physical Tests</u>	Methods carried out according to current International Seed Testing Association (ISTA) Rules
	Analytical purity	SOP 02 ISTA Rules, Section 3
	Determination of other seeds	SOP 03 ISTA Rules, Section 4
	Moisture content	SOP 05 ISTA Rules, Section 9



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**Grain and Seed Analysis**  
**Issue No: 012 Issue date: 12 May 2022**

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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)	Methods carried out according to current International Seed Testing Association (ISTA) Rules (cont'd)
	Thousand seed weight	SOP 10 ISTA Rules, Section 10
	<u>Performance Tests</u>	
	Germination	SOP 04 ISTA Rules, Section 5
OILSEEDS	<u>Biochemical Tests</u>	
	Tetrazolium viability	1) SOP 06 ISTA Rules, Section 6 2) SOP 24 Based on the Institute of Brewing Methods of Analysis, 1997, rapid staining method
	<u>Chemical Tests</u>	Documented in house methods
	Moisture	SOP 13 part 1 based on ISO 665:2000 using drying oven
	Germination	SOP 13 part 4 ISTA Rules, Section 5
	<u>Physical Tests</u>	
	Impurities	SOP 13 part 2 based on ISO 658:2002
END		