



INTERNATIONAL SEED TESTING ASSOCIATION

CERTIFICATE OF ACCREDITATION

This is to certify that the ISTA Member Laboratory DE17

LLG Sachsen-Anhalt
Prüf- und Anerkennungsstelle für Saat- und Pflanzgut
Saatgutlabor, Haus 2
PO: Schiepziger Strasse 29
06120 Halle (Saale)
DE-Germany

is accredited to the *ISTA Seed Testing Laboratory Accreditation Standard* by ISTA in accordance with Article 15(c)(15) of the Articles of the International Seed Testing Association (ISTA).

The scope of accreditation includes:

Sampling
Purity and other seed determination
Germination
Viability
Verification of species and variety
Moisture content
Weight determination

as detailed in the accompanying appendix to this certificate.

This accreditation is valid for three years commencing 22 April 2016, subject to continuing compliance with ISTA requirements. During this period the accredited laboratory is authorised to issue ISTA Seed Analysis Certificates.

Bassersdorf, 29 August 2016

Craig McGill
ISTA President



This certificate is only valid with the corresponding sticker



INTERNATIONAL SEED TESTING ASSOCIATION (ISTA)

Secretariat, Zürichstrasse 50, 8303 Bassersdorf, CH-Switzerland

Phone: +41-44-838 60 00, Fax: +41-44-838 60 01, Email: ista.office@ista.ch, <http://www.seedtest.org>

Scope of ISTA Accreditation

Annex to the Accreditation Certificate - ISTA Standard Methods

ISTA code DE17

Address LLG Sachsen-Anhalt
Prüf- und Anerkennungsstelle für Saat- und Pflanzgut
Saatgutlabor, Haus 2
Schiepziger Strasse 29
06120 Halle
DE GERMANY

Issued on 22.08.2016

Valid to 22.04.2019

Test: Object - Sampling/Testing principle	Specific field of application includes species of:	ISTA Rules Chapter
Sampling from the lot: Obtain a representative sample - Manual sampling	Grasses Cereals Small legumes Pulses Other agricultural crops Vegetables Tree and shrub species Flower species	2
Sampling from the lot of coated seeds: Obtain a representative sample - Manual sampling	Of species mentioned under manual sampling	2/11
Purity and identification of other seeds: Determine the percentage composition and identity of species - Separation and weighing of fractions, determination of other seeds	Grasses Cereals Small legumes Pulses Other agricultural crops Vegetables Flower species	3/4
Purity and identification of other seeds on coated seeds: Determine the percentage composition and identity of species - Separation and weighing of fractions, determination of other seeds	On species mentioned under Purity	3/11
Germination: Determine the germination potential - Germination on 400 seeds	Grasses Cereals Small legumes Pulses Other agricultural crops Vegetables Flower species	5
Germination on coated seeds: Determine the germination potential - Germination on 400 seeds	On species mentioned under Germination	5/11

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Viability: Estimate viability in general and of dormant seeds - Biochemical viability test	Grasses	6
	Cereals	
	Small legumes	
	Other agricultural crops	
	Vegetables	
Verification of species and variety: Verify if species/variety corresponds to the species/variety as requested - Examination of seeds under ultra-violet light	Hordeum, Avena	8.8.1
Verification of species and variety: Verify if species/variety corresponds to the species/variety as requested - Examination of seeds by presence/absence of alkaloid	Lupinus spp.	8.8.2
Verification of species and variety: Verify if species/variety corresponds to the species/variety as requested - Examination of seedlings (fluorescence of root traces)	Festuca spp.	8.11.5
Moisture content: Determine moisture content - Constant temperature oven method: fine grinding	Species of Table 9A Part 1 as applicable	9
Moisture content: Determine moisture content - Constant temperature oven method: no grinding	Species of Table 9A Part 1 and 2 as applicable	
Moisture content: Determine moisture content - Constant temperature oven method: coarse grinding	Species of Table 9A Part 1 and 2 as applicable	
Weight determination: Determine weight per 1000 seeds - Counting and weighing	Grasses	10
	Cereals	
	Small legumes	
	Pulses	
	Other agricultural crops	
	Vegetables	
	Flower species	
Weight determination on coated seeds: Determine weight per 1000 seeds - Counting and weighing	On species mentioned under Weight Determination	10/11