



ISTA
Seed Quality Assurance

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Scope of ISTA Accreditation

Annex to the Accreditation Certificate - ISTA Standard Methods

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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, spices, herbs, and medicinal 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
Sampling from the lot: Obtain a representative sample - Automatic sampling	Grasses Cereals Small legumes Pulses Other agricultural crops Vegetables, spices, herbs, and medicinal species Flower species	2
Sampling from the lot of coated seeds: Obtain a representative sample - Automatic sampling	Of species mentioned under automatic 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 Poa pratensis, Poa trivialis and Dactylis glomerata Cereals Small legumes Pulses Other agricultural crops Vegetables, spices, herbs, and medicinal species Flower species	3/4

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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	3/4/11
Germination: Determine the germination potential - Germination on 400 seeds	Grasses	5
	Cereals	
	Small legumes	
	Pulses	
	Other agricultural crops	
	Vegetables, spices, herbs, and medicinal species	
	Flower species	
Germination on coated seeds: Determine the germination potential - Germination on 400 seeds	On species mentioned under Germination	5/11
Viability: Estimate viability in general and of dormant seeds - Biochemical viability test	Cereals	6
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	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)	Lolium spp.	8.11.4
	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	
Thousand seed weight: Determine weight per 1000 seeds - Counting and weighing	Grasses	10
	Cereals	
	Small legumes	
	Pulses	
	Other agricultural crops	
	Vegetables, spices, herbs, and medicinal species	
	Flower species	
Thousand seed weight on coated seeds: Determine weight per 1000 seeds - Counting and weighing	On species mentioned under Weight Determination	10/11