



INTERNATIONAL SEED TESTING ASSOCIATION (ISTA)

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Scope of ISTA Accreditation

Annex to the Accreditation Certificate - ISTA Standard Methods

ISTA code US07
Address Oregon State University Seed Laboratory
3291 Campus Way
97331
Corvallis, OREGON
US
Issued on 01.04.2021
Valid to 19.04.2021

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 Poa pratensis, Poa trivialis and Dactylis glomerata Cereals Small legumes Pulses Other agricultural crops Vegetables Tree and shrub species 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	3/4/11
Germination: Determine the germination potential - Germination on 400 seeds	Grasses Cereals Small legumes Pulses Other agricultural crops Vegetables Tree and shrub seeds	5

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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	Grasses Cereals Small legumes Other agricultural crops Vegetables Tree and shrub seeds	6
Seed Health: Determine health status - Immunoblot method (test kit)	Epichloe coenophiala in Festuca spp and Neotyphodium lolii in Lolium spp.	7-015
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	
Moisture content: Determine moisture content - Constant temperature oven method: cutting	Species of Table 9A Part 1 and 2 as applicable	
Thousand seed weight: Determine weight per 1000 seeds - Counting and weighing	Grasses Cereals Small legumes Pulses Other agricultural crops Vegetables Tree and shrub seeds Flower species	10
Thousand seed weight on coated seeds: Determine weight per 1000 seeds - Counting and weighing	On species mentioned under Weight Determination	10/11