

INTERNATIONAL SEED TESTING ASSOCIATION (ISTA)

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Scope of ISTA Accreditation

Annex to the Accreditation Certificate - ISTA Standard Methods

ISTA code FI01

Address Finnish Food Safety Authority EVIRA

Plant Analysis Laboratory, Seed Testing

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| Fest: 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 | 2 |
| | Cereals | |
| | Small legumes | |
| | Pulses | |
| | Other agricultural crops | |
| | Vegetables | |
| Sampling from the lot: Obtain a representative sample - Automatic sampling | Grasses | |
| | Cereals | |
| | Small legumes | |
| | Pulses | |
| | Other agricultural crops | |
| Purity and identification of other seeds: Determine the percentage composition and identity of species - Separation and weighing of fractions, determination of other seeds | Grasses | 3/4 |
| | Poa pratensis, Poa trivialis and Dactylis glomerata | |
| | Cereals | |
| | Small legumes | |
| | Pulses | |
| | Other agricultural crops | |
| | Vegetables | |
| Germination: Determine the germination potential - Germination on 400 seeds | Grasses | 5 |
| | Cereals | |
| | Small legumes | |
| | Pulses | |
| | Other agricultural crops | |
| | Vegetables | |
| Viability: Estimate viability in general and of dormant seeds - Biochemical viability test | Grasses | 6 |
| | Cereals | |

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| Viability: Estimate viability in general and of dormant seeds - Biochemical viability test | Small legumes | 6 |
|--|--|--------|
| | Other agricultural crops | |
| Seed Health: Determine health status - Extraction and clearing of embryos (dehulling) | Ustilago nuda in Hordeum vulgare | 7-013b |
| 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 | |
| Weight determination: Determine weight per 1000 seeds - Counting and weighing | Grasses | 10 |
| | Cereals | |
| | Small legumes | |
| | Pulses | |
| | Other agricultural crops | |