

19.2 Other Seed Determination



INTERNATIONAL SEED TESTING ASSOCIATION
ASSOCIATION INTERNATIONALE D'ESSAIS DE SEMENCES
INTERNATIONALE VEREINIGUNG FÜR SAATGUTPRÜFUNG

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1 → Proficiency Test Report - Test round: 06-2 B.vul

Species: *Beta vulgaris*

Scope: Other Seed Determination

2 → ISTA Code:

Random #: 151

This laboratory is accredited

Participation in this test round is obligatory

3 →

Lot #	Species name	# seeds added	Retrieval rate [%]	Factor	# seeds found	# seeds added x factor	# seeds found x factor	Misspelled?	Correct Species?	Correct Genus?	Different Species?
Lot 1											
	<i>Helianthus annuus</i>	4	92.7	3	4	12	12	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<i>Triticum aestivum</i>	3	98.3	3	3	9	9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	<i>Medicago sativa</i>	2	85.4	2	0	4	0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lot 2											
	<i>Avena sativa</i>	4	96.0	3	4	12	12	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<i>Polygonum convolvulus</i>	3	76.4	1	3	3	3	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<i>Convolvulus arvensis</i>	2	91.7	3	1	6	3	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lot 3											
	<i>Daucus carota</i>	4	89.4	2	4	8	8	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<i>Hordeum vulgare</i>	3	98.1	3	3	9	9	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<i>Cichorium intybus</i>	2	87.5	2	2	4	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

4 →

Sum 27

24

67

60

Percentage 89.6%

In-round rating: B

5 →

Additional seeds found and reported by the laboratory

6 →

Lot #	Species name	# of seeds	Misspelled?
Lot 1			
	<i>Trifolium spp.</i>	2	<input type="radio"/>
Lot 3			
	<i>Beta spp.</i>	3	<input type="radio"/>
	<i>Calystegia sepium</i>	1	<input type="radio"/>

7 →

Your laboratory's in-round ratings over the last test rounds

03-1 T.inc	03-3 L.esc	04-1 B.nap	05-2 S.oer	06-1 S.bic	06-2 B.vul
B	B	B	BMP	A	B

Your laboratory's overall rating*

Total sum of ratings**** 21

Number of rounds 6

Overall rating **B**

8 →

* An overall rating will only be given after a minimum of six test rounds for which participation was mandatory. Rounds which were not mandatory are not included in the calculation of the overall rating.
 **** Values attributed to each in-round score are given in PT-G-01-ISTA Proficiency Test Programm

1. Identifies the PT round being reported.
2. The ISTA member laboratory code, identifying the laboratory to which this report applies and the random number assigned to the samples analysed by this laboratory. The laboratory receives three samples for the round, each with the same random number. The number is used by the Secretariat to track the samples. An indication whether the laboratory is accredited and whether participation is obligatory because of the scope of accreditation is given.
3. Names of the species that the test leader added to the seed samples;
The number of seeds added ('# seeds added') per species, the retrieval rate ('Retrieval rate [%]') based on the total number of seeds found by all participants and the number of seeds reported ('# seeds found') by the laboratory;
The factor ('Factor') which is multiplied by the number of seeds added and the number of seeds found (i.e. '# seeds added x score' and '# seeds found x score') based on the retrieval rate.
Misspellings under 'Misspelled?';
There are four different levels of identification which are all counted as reported correctly:
'Correct species?': Species reported correctly to species level
'Correct Genus?': Species reported correctly to genus level
'Different Species?': Correct genus but wrong species.
4. Total sum of seeds added and seeds found;
The total sum of seeds found and seeds added multiplied by the factor;
The percentage of '# seeds added x factor' and '# seeds found x factor' are the basis for the in-round rating.
5. The laboratory's in-round rating for this round.
6. Name and number of seeds that were reported but do not belong to the species that were added by the test leader. Additional species may also be species that were added but the number of seeds found exceeds the number of seeds added. Additional seeds found might also be species that were added but misclassified.
7. The laboratory's in-round ratings of previous rounds.
8. The laboratory's overall rating after six test rounds of participation.