



INTERNATIONAL SEED TESTING ASSOCIATION (ISTA)

Secretariat, Richtiarkade 18, 8304 Wallisellen, CH-Switzerland
Phone: +41-44-838 60 00, Fax: +41-44-838 60 01, Email: ista.office@ista.ch, <http://www.seedtest.org>

Proficiency Test Report - Test round: 23-2 R.sat

Species: *Raphanus sativus*

Scope: Germination

# of:	participants	volunteers	accredited labs
	205	72	133

ISTA Code: TR01

Random #: 112

Your laboratory is accredited
Participation in this test round is obligatory

Substrate: top of paper
Temperature: 20-30 °C
Treatment: Prechill

	Normal			Abnormal			Non-germinated								
	L 1	L 2	L 3	L 1	L 2	L 3	L 1	L 2	L 3						
Your %	52.00	91.25	94.00	43.00	04.00	04.00	05.00	04.75	02.00						
Mean %	54.94	88.77	95.25	41.70	4.88	3.71	2.33	6.09	0.96						
SD	8.42	2.42	1.64	8.09	1.67	1.53	1.50	2.03	0.95						
Z-Scores	-0.35	1.02	-0.76	∅	-0.03	0.16	-0.53	0.19	∅	-0.06	1.78	-0.66	1.09	∅	0.74
Sum of absolute Z-Scores for normal seedlings	2.13														
Your laboratory's in-round rating for this test round	A														

Laboratory specific comments:



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The following histograms show the frequency distributions of all participants Z-Scores for the relevant components, i.e. **Normal** and **Abnormal Seedlings** and **Non-germinated Seeds**. The Z-Scores from all three samples are included in each histogram. For further explanations, please refer to the document 'The ISTA Proficiency Test Programme'

