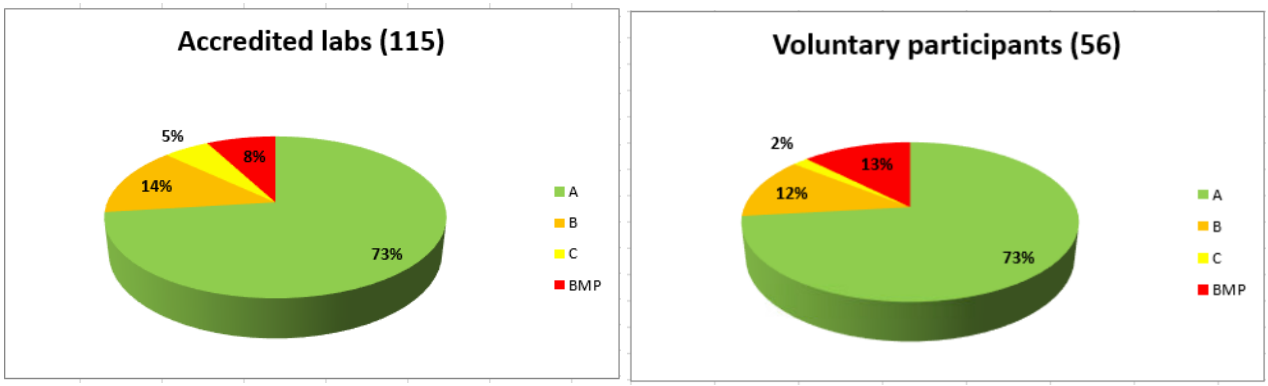
ISTA
Seed Quality Assurance

ISTA Secretariat
Richtiarkade 18, 8304 Wallisellen, Switzerland
Phone: +41 44 838 60 00 | Fax: +41 44 838 60 01
Email: ista.office@ista.ch
www.seedtest.org

Summary results: PT 24-3 C. sat

Species: *Coriandrum sativum* **Scope:** GER

GERMINATION Ratings **Total number of participants = 171**



Means and Standard Deviation
of the obligatory accredited participants
calculated for the category of normal seedlings

Categories	Mean Values %			Standard Deviation		
	Lot 1	Lot 2	Lot3	Lot 1	Lot 2	Lot 3
Normal seedlings	**94**	**87**	**88**	**2.38**	**4.15**	**4.37**
Abnormal seedlings	2	5	5	-	-	-
Non-germinated seed	4	8	7	-	-	-

Method used
overview for all participants
presented for the temperature, substrate and pretreatment

Temperature °C	# Users		# Users TOTAL
	Accredited labs	Voluntary participants	
20⇔30	65	23	**88**
20	50	33	**83**

Substrate	# Users		# Users TOTAL
	Accredited labs	Voluntary participants	
PP	64	20	**84**
BP	32	21	**53**
TP	19	14	**33**
TPS*	1		**1**

*use of this substrate is not prescribed in the ISTA Rules

Pretreatment	# Users		# Users TOTAL
	Accredited labs	Voluntary participants	
No Treatment	112	53	**165**
Light / No light / Prechill / KNO_3 / Cut seeds*	3	3	**6**

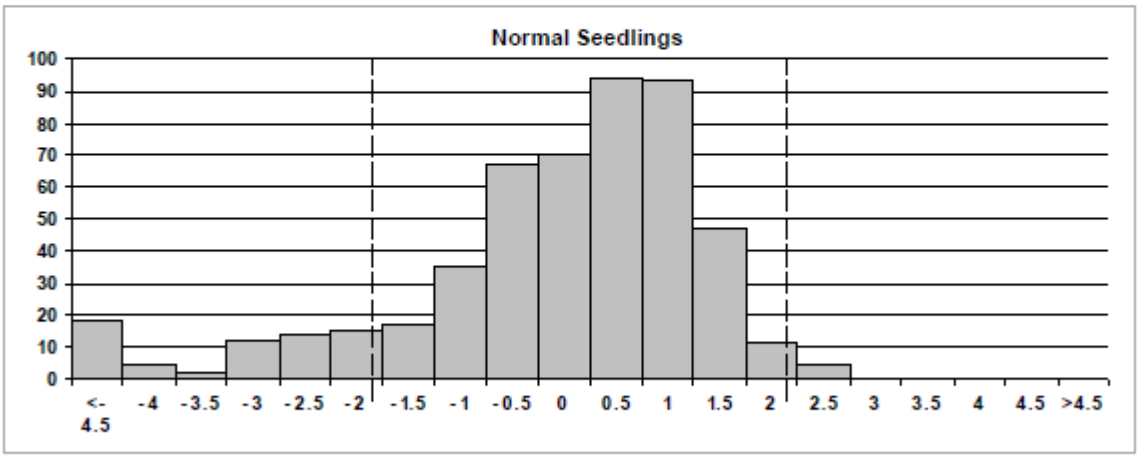
*these pre-treatments are not suggested in the ISTA Rules

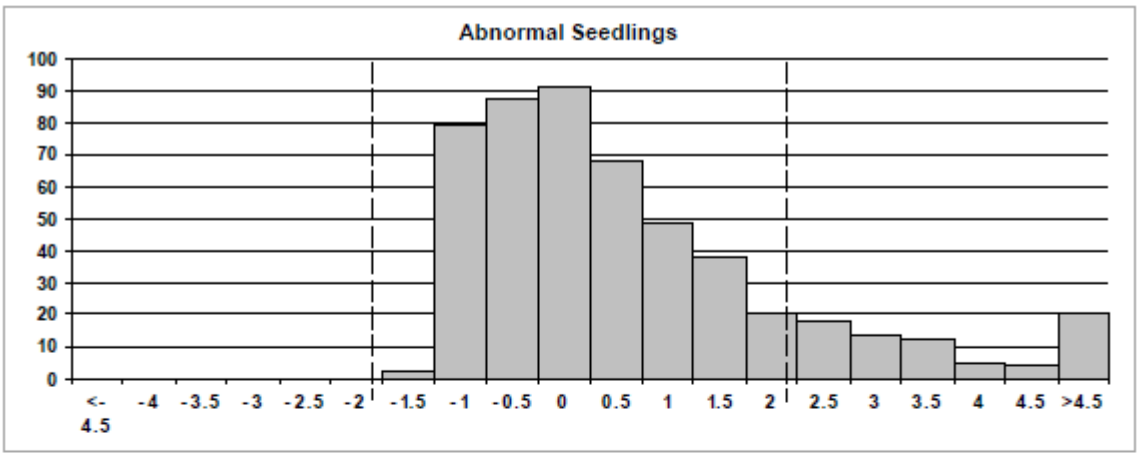
Z-score Distribution

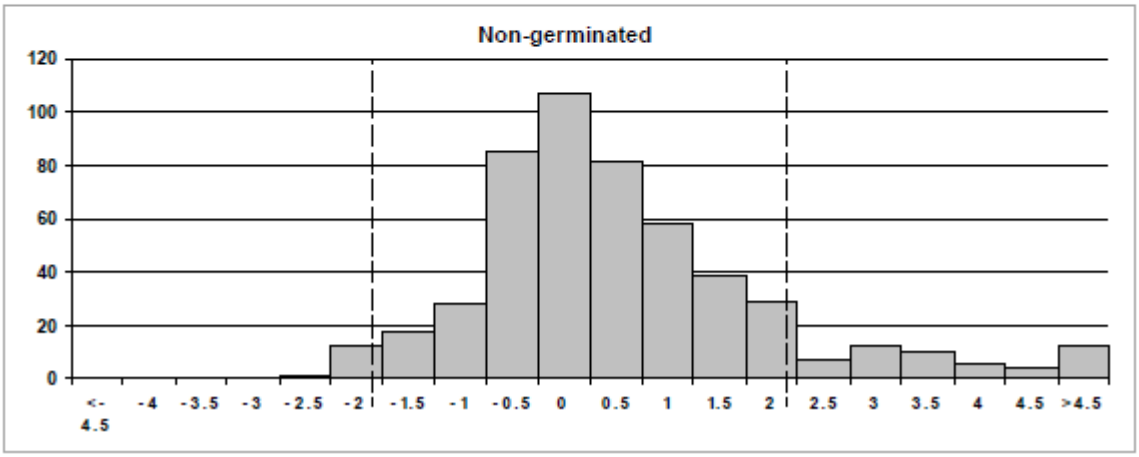
Proficiency Test Report – Test Round 24-3 C.sat

Species : Coriandrum sativum **Scope:** Germination

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'





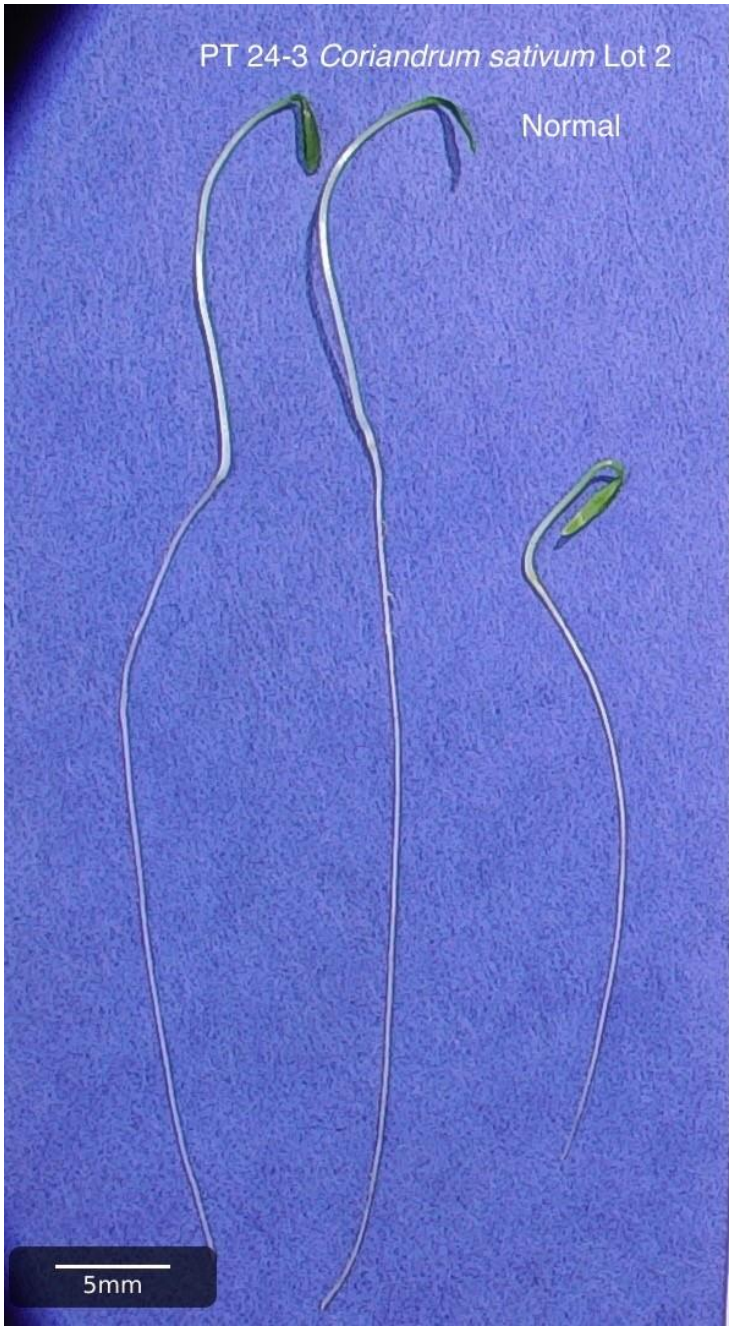


SEEDLINGS Lot 1

PT 24-3 *Coriandrum sativum* Lot 1
Abnormal
2mm

PT 24-3 *Coriandrum sativum* Lot 1
Non-germinated
2mm

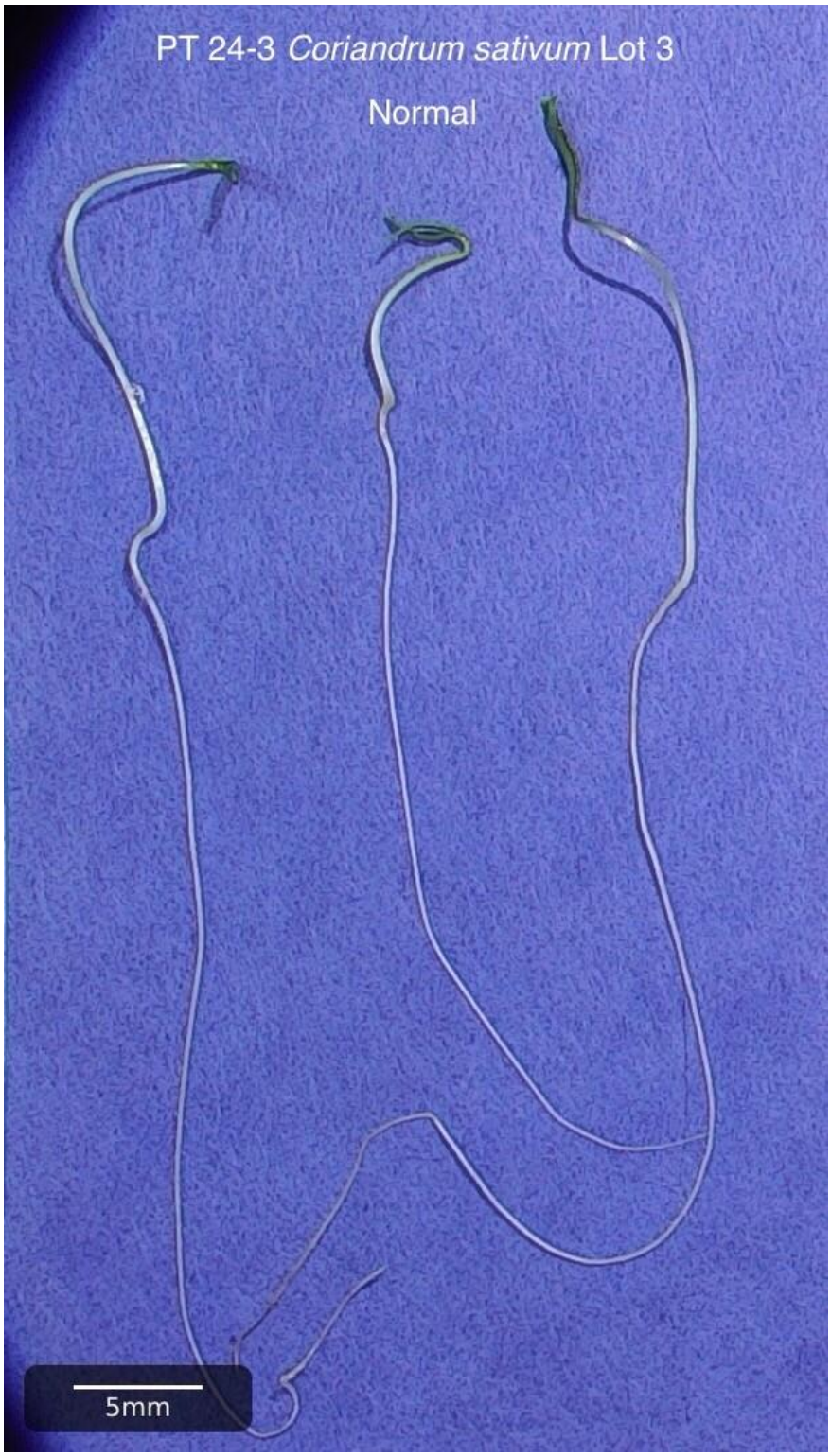
SEEDLINGS Lot 2



PT 24-3 *Coriandrum sativum* Lot 2
Abnormal
2mm

PT 24-3 *Coriandrum sativum* Lot 2
Non-germinated
2mm

SEEDLINGS Lot 3



PT 24-3 *Coriandrum sativum* Lot 3
Abnormal
2mm

PT 24-3 *Coriandrum sativum* Lot 3
Non-germinated
2mm