

Molecular Tests:

- Genetic purity through DNA based markers
- Genetic purity through Protein based markers



Substrate Test:

- Testing of paper towels to check it's suitability for germination

Way Forward:

- Phytosanitary testing services

SEED TESTING CHARGES

DOMESTIC PURPOSE

S.No.	Test Name	Charges (INR) per Sample
1	Purity, ODV, Germination & Moisture	700
2	Seed Viability (Tetrazalium Test)	600
3	Seed Vigour Test	600
4	Seed Health	800
5	DNA Varietal Purity Test	6500
6	ELISA Test	2500

EXPORT PURPOSE (OIC / BIC)

S.No.	Test Name	Charges (INR) per Sample
1	Seed Sampling	2400
2	Purity, Other Seed Determination, Germination & Moisture	5550

For More Information:

The Director

Telangana State Seed & Organic Certification Authority

5-10-193, 1st Floor, HACA Bhavan

Opp: Public Gardens, Saifabad, Hyderabad-500004

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Telangana International Seed Testing Authority (TISTA)

(An ISTA Accredited Laboratory)



TELANGANA TOWARDS GLOBAL SEED HUB...

Telangana International Seed Testing Authority (TISTA)

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About:

TISTA is a notified seed testing laboratory of the Telangana State Seed & Organic Certification Authority, Government of Telangana, located at Rajendranagar, Hyderabad. It is a member laboratory of International Seed Testing Association (ISTA) since 2016 and became ISTA accredited in 2022.

The Laboratory is having best-in-class seed testing facilities, modern equipments, well qualified and trained staff offering seed testing services such as Physical Purity, OSD, Germination, Moisture Estimation, Seed Viability, Seed Vigour, Seed Health, Molecular Tests, etc.

This is one of the largest seed testing laboratory with international (ISTA) accreditation and working as per the vision of the Government of Telangana to transform Telangana State into a Global Seed Hub by serving the needs of seed industry for domestic and international seed trade to support agriculture globally.

Vision:

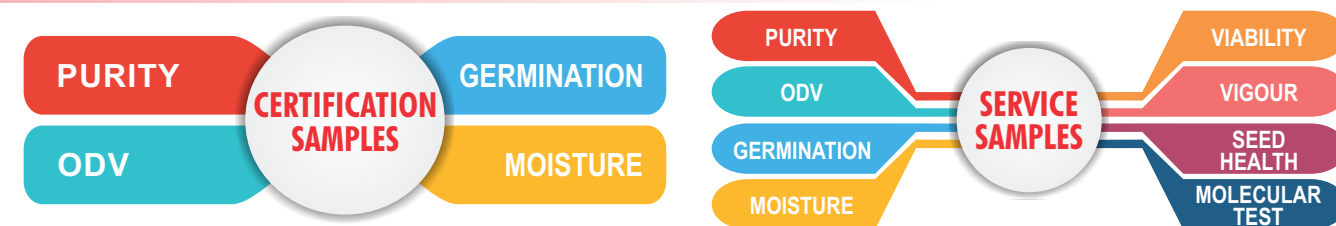
To provide quick, reliable, accurate and unbiased seed testing services to the seed industry facilitating domestic and international seed trade and also to ensure availability of quality seeds to the farming community.

Quality Policy:

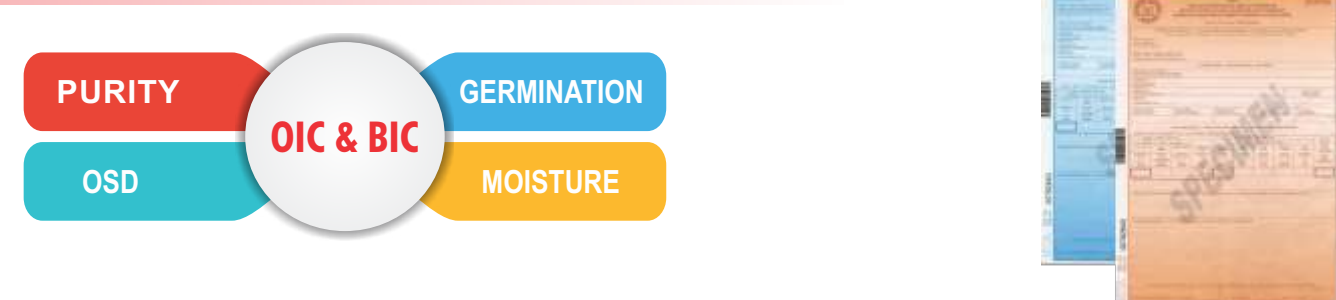
The Seed Testing Laboratory of Telangana State Seed & Organic Certification Authority (TSSOCA) is committed to conduct the seed testing analysis systematically as per the International Seed Testing Association (ISTA) rules and procedures facilitating the seed producers / farmers to sell their produce both in domestic and International market.

The laboratory is proactive with customer sensitive responsive approach and maintains a conducive work culture through technological up gradation, knowledge sharing and proficiency enhancement.

Testing Services Offered for Domestic Purpose



Testing Services Offered for International Purpose



Purity Analysis:

Separation & Identification of pure seed, inert matter, and other corp seeds.

Other Distinguishable Varieties:

Identification of Seeds of Other Distinguishable varieties.

Other Seed Determination:

Identification of other crop and weed seeds.

Germination Test:

Evaluation and Categorisation of Normal, Abnormal, FUG, Hard & Dead Seeds by using

- Paper media (TP/BP/PP)
- Sand media
- Cocopeat media

Moisture Analysis:

- Hot Air Oven Method (High & Low Constant)
- Moisture Meter Method

Viability Test:

- Tetrazolium Test

Vigour Tests:

- Tz-Dehydrogenase Activity Test
- Accelerated Ageing Test (AA)
- Controlled Deterioration
- Radicle Emergence
- Electrical Conductivity
- Field Emergence Test
- Cold Test
- Cool Test

Seed Health Tests:

- Agar Plate Method
- Blotter Method
- Dry Examination / Soaking Method
- ELISA
- NaOH / Transparency Test

