



# **TLabs Tocklai (Jorhat) Tocklai Tea Research Institute Tea Research Association (TRA)**

**Contact:**

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## **Payment of Testing Fees**

Mode of payment:

- Cash
- NEFT/RTGS
- Multi-city Bank cheque in favour of Tea Research Association
- Demand draft in favour of Tea Research Association payable at Jorhat.

**The bank details for NEFT/RTGS transfer are as follows:**

Name of the Bank: Indian Bank

Account Number: 436920976

Account Holder's Name: Director's Reserve Fund

IFSC: IDIB000J011

*For NEFT/RTGS transfer please confirm the transaction details for identification of payment from your end.*

## **NABL Accredited Testing Facility:**

TLabs, Tocklai Tea Research Institute, Tea Research Association, Jorhat

**Samples should be sent to the following address with a forwarding letter mentioning test requirement, GST number, complete address, mobile number, Email for forwarding the test report and testing fees:**

In-Charge, Analytical Services Department, TLabs, Tea Research Association, Tocklai Tea Research Institute, Jorhat, Assam-785008.

## Soil (Physico-Chemical Quality, Heavy Metals and Macro/Micro-nutrients)

Test Material	Test Parameter	Testing Fee (Rs) including GST		
		TRA Member/STG		TRA Non-Member (Advance Payment)
		Testing Fee	Testing Fee (Advance Payment)	
Soil	pH*	390	360	780
	Organic Carbon	(Individual 130)	(Individual 120)	(Individual 260)
	Available K			
	Available S			
	Available P	130	120	260
	Total N	550	500	1100
	Available N	330	300	660
	Organic Matter	130	120	260
	pH*	130	120	260
	Electrical Conductivity	130	120	260
	pH & Eelworm**	260	240	520
	Calcium & Magnesium	770	700	1540
	Zinc, Copper, Iron, Manganese, Molybdenum	Individual 385	Individual 350	Individual 770
Pesticide Residues (Full Screening)	Rs. 7,500 (Individual 1,500)			
Glyphosate, Glufosinate Ammonium, Paraquat	Individual Rs. 2,000			

\*Both Top-soil & Sub-soil

\*\*Eelworm test will be done by Entomology Department, TTRI, Tocklai

## Soil Amendment

Test Material	Test Parameter	Testing Fee (Rs) including GST		
		TRA Member/STG		TRA Non-Member (Advance Payment)
		Testing Fee	Testing Fee (Advance Payment)	
Dolomite, Agricultural Liming Materials	Calcium, Magnesium	770	700	1540
Aluminium Sulphate Pyrites Gypsum	Aluminium Iron, Sulphur Calcium*	Individual 385	Individual 350	Individual 770

## Chemical Fertilizer (Nutrients)

Test Material	Test Parameter	Testing Fee (Rs) including GST		
		TRA Member/STG		TRA Non-Member (Advance Payment)
		Testing Fee	Testing Fee (Advance Payment)	
Urea/Nano Urea	Nitrogen	550	500	1100
Sulphate of Ammonia	Nitrogen & Sulphur	680	620	1360
DAP	Nitrogen & Phosphate	1100	1000	2200
SSP	Phosphate	550	500	1100
Rock Phosphate	Phosphate	550	500	1100
MOP	Potassium	550	500	1100
SOP	Potassium & Sulphur	1100	1000	2200
Elemental Sulphur	Sulphur	660	600	1320
Lime Sulphur	Sulphur	660	600	1320
NPK Mixture	N, P, K	1650	1500	3300
Magnesium Sulphate	Magnesium & Sulphur	935	850	1870
Copper Oxychloride	Coper	385	350	770
Zinc Sulphate	Zinc	385	350	770

## Organic Fertilizers (Physico-Chemical Quality, Heavy Metals and Macro/Micro-nutrients)

Test Material	Parameter	Testing Fee (Rs) including GST		
		TRA Member/STG		TRA Non-Member (Advance Payment)
		Testing Fee	Testing Fee (Advance Payment)	
Organic Fertilizers (including cow dung, vermi compost, city waste compost, ITK, Vermiwash, etc.)	Moisture, pH, Organic Matter Organic Carbon, Total N, P, K, S C/N Ratio	1560	1440	3120
	Total N, P, K, S	Individual 550	Individual 500	Individual 1100
	Lead, Cadmium, Nickel, Zinc, Copper, Iron, Chromium, Arsenic, Mercury, Tin, Manganese, Calcium, Magnesium	Individual 385	Individual 350	Individual 770
	Pesticide Residues (Full Screening)	Rs. 7,500 (Individual 1,500)		
	Glyphosate, Glufosinate Ammonium, Paraquat	Individual Rs. 2,000		

## Heavy Metals and Macro/Micro-nutrients in Tea

Test Material	Test Parameter	Testing Fee (Rs)
		Member, Non-Member, STG, BLF
Tea (raw, processed, instant) including tea leaf	Lead, Cadmium, Nickel, Zinc, Copper, Iron, Chromium, Arsenic, Mercury, Tin, Manganese, Calcium, Magnesium, Potassium	Individual Rs. 350 + GST @18% = Rs. 413

## Pesticide Residue Analysis (PPC, TrusTea, Rain Forest, ISO, Export Purpose)

Test Material	Test Parameter	Testing Fee (Rs)
		Member, Non-Member, STG, BLF
Tea (raw, processed, instant) including tea leaf	PPC, TrusTea, Rain Forest, ISO, Export Purpose (Full Screening or Selective)	Rs. 7,500 + GST @18% = Rs. 8,850 (Individual Rs. 1,500 + GST @ 18% = Rs. 1,717)
	PPC Re-Test	Rs. 5,085 + GST @18% = Rs. 6,000
	Glyphosate, Glufosinate Ammonium, Paraquat	Individual Rs. 2,000 + GST @18% = Rs. 2,360
	Quinalphos	Rs. 1,500 + GST @ 18% = Rs. 1,717
	Quinalphos + Hexaconazole	Rs. 2,500 + GST @ 18% = Rs. 2,950
	Quinalphos. Hexaconazole, L-Cyhalothrin, Carbendazim	Rs. 3,500 + GST @ 18% = Rs. 4,130
	Quinalphos. Hexaconazole, L-Cyhalothrin, Carbendazim, Dithiocarbamates (Zineb & Mancozeb), Glyphosate	Rs. 5,500 + GST @ 18% = Rs. 6,490

## FSSAI

Test Material	Test Parameter	Testing Fee (Rs)
		Member, Non-Member, STG, BLF
Tea (raw, processed, instant)	<b>FSSAI Parameters</b>	Rs. 8,999 + GST @18% = Rs. 10,619
	Pesticide residues Heavy Metal Biochemical Quality Parameter Iron Fillings Rodent hair & excreta, living insects, dead insects, insect fragments, extraneous matter, harmful substances visible through naked eye instant, Off odour, taint, mustiness	
	Catechin	
	Pesticide residues (as per FSSAI)	
Instant Tea	Water Soluble Ash of Total Ash (Cold Soluble)	Rs. 500 + GST @18% = Rs. 590

## PPC + FSSAI

Test Material	Test Parameter	Testing Fee (Rs)
		Member, Non-Member, STG, BLF
Tea (raw, processed, instant)	<b>FSSAI Parameters</b>	Rs. 14,000 + GST @18% = Rs. 16,520
	Pesticide Residues Heavy Metal Biochemical Quality Parameter Iron Fillings Rodent hair & excreta, living insects, dead insects, insect fragments, extraneous matter, harmful substances visible through naked eye instant, Off odour, taint, mustiness	
	<b>PPC Parameters</b>	
	Pesticide Residues	

## Tea Quality Parameters

Test Material	Test Parameter	Testing Fee (Rs)
		Member, Non-Member, STG, BLF
Tea (raw, processed, instant)	<b>FSSAI Parameters</b> Biochemical Quality Parameter Iron Fillings Rodent hair & excreta, living insects, dead insects, insect fragments, extraneous matter, harmful substances visible through naked eye instant, Off odour, taint, mustiness	Rs. 2400 + GST @18% = Rs. 2,832
	Catechin	Rs. 1,000 + GST @18% = Rs. 1,180
	Theaflavin (TF), Thearubigin (TR), Brightness and Total Colour	Rs. 1,000 + GST @18% = Rs. 1,180
	Total Polyphenol	Rs. 500 + GST @18% = Rs. 590
	Caffeine	Rs. 500 + GST @18% = Rs. 590
	Iron Fillings	Rs. 200 + GST @18% = Rs. 236
	Loss in Mass at 103 <sup>0</sup> C	Rs. 100 + GST @18% = Rs. 118
	Total ash	Rs. 200 + GST @18% = Rs. 236
	Crude Fibre	Rs. 600 + GST @18% = Rs. 708
Instant Tea	Water Soluble Ash of Total Ash (Cold Soluble)	Rs. 500 + GST @18% = Rs. 590

## Fluoride

Test Material	Test Parameter	Testing Fee (Rs) including GST (Advance Payment)
Tea	Fluoride	Rs. 500 + GST@18% = Rs. 590
Soil		Rs. 500

## Materials for Alkaline (Lime) Wash

Test Material	Test Parameter	Testing Fee (Rs) including GST (Advance Payment)
Washing Soda	pH	Rs. 120
Quick Lime	Calcium	Rs. 350

### Testing of Active Ingredient Level in Chemical Pesticide Formulation

Test Material	Test Parameter	Testing Fee (Rs) including GST
		Member, Non-Member, STG, BLF [ <u>Advance Payment</u> ]
Chemical Pesticide Formulation	Chemical Pesticides (except Glyphosate, Glufosinate Ammonium, Paraquat)	Individual Rs. 1,200
	Glyphosate, Glufosinate Ammonium, Paraquat	Individual Rs. 2,000

### Testing of Chemical Pesticide Contamination in Miscellaneous Products

Test Material	Test Parameter	Testing Fee (Rs) including GST
		Member, Non-Member, STG, BLF [ <u>Advance Payment</u> ]
Bio-Pesticide Formulation, Plant Growth Regulator, Bio-Fertilizer	Full Scan for pesticide residues	Rs. 7,500 (Individual Rs. 1,500)
	Glyphosate, Glufosinate Ammonium, Paraquat	Individual Rs. 2,000

### Water

Test Material	Test Parameter	Testing Fee (Rs) including GST (Advance Payment)	
Water	<b><u>Chemical Parameter</u></b>		
	pH	120	
	Nitrate (as NO <sub>3</sub> )	500	
	Sulphate (as SO <sub>4</sub> )	120	
	Calcium (as Ca)	350	
	Magnesium (as Mg)	350	
	Fluoride	500	
	Chloride	500	
	<b><u>Metal</u></b>		
	Lead, Cadmium, Nickel, Zinc, Copper, Iron, Chromium, Arsenic, Mercury, Tin, Manganese, Calcium, Magnesium, Potassium		Individual Rs. 350
<b><u>Pesticide</u></b>			
Multi-residue		Rs. 7500 (Individual Rs. 1,200)	
<b><u>Microbiological*</u></b>			
Salmonella		Rs. 1200	

\*Microbiological test will be done by Mycology & Microbiology Department, Tocklai



**Mycology & Microbiology Department, Tocklai  
Microbiological Tests**

Test Material	Test Parameter	Testing Fee (Rs) including GST		
		TRA Member/STG		TRA Non-Member (Advance Payment)
		Testing Fee	Testing Fee (Advance Payment)	
Tea	Total plate count, Salmonella, Mould, Coliform, E. Coli	4550	4200	9100
	Total plate count	650	600	1300
	Actinomycetes	650	600	1300
	Salmonella	1300	1200	2600
	Mould	650	600	1300
	Coliform	650	600	1300
	E. Coli	1300	1200	2600