



PUNJAB BIOTECHNOLOGY INCUBATOR

Dept. of Science, Technology & Environment, GoP

An NABL Accredited PT Provider



PC-1111

NABL ACCREDITED



as per ISO 17043:2023

Supported by :

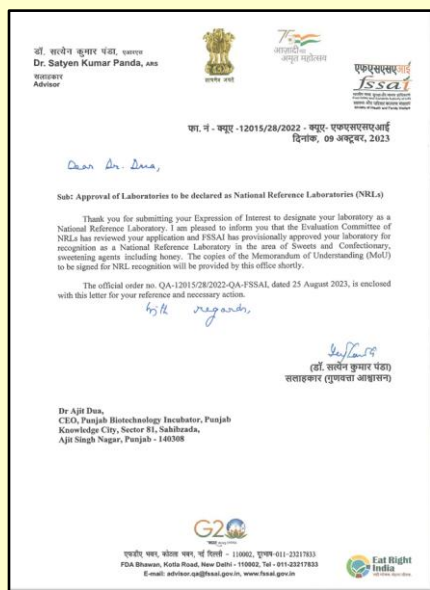


Food Safety and Standards Authority of India (FSSAI)

Govt. of India

Proficiency Testing under PBTI/FSSAI-NRL

Punjab Biotechnology Incubator (PBTI) the National Reference Laboratory (NRL) for Sweets and Confectionery, and Sweetening Agents including Honey of Food Safety and Standards Authority of India (FSSAI) has established a dedicated Proficiency Testing (PT) Services, with specialized services for Honey with the financial support from FSSAI. The PT services are accredited by NABL in accordance with ISO/IEC 17043:2023, vide Certificate No. PC-1111, since May 2025.



Recognition as NRL by FSSAI



NABL



NABL Accreditation as PTP

NABL Accredited PT Schemes in Honey

Isotopic Parameters

Antibiotic Residues

2-AFGP as Specific Marker for Rice Syrup (SMR)

Physicochemical Parameters

Heavy Metals

Pesticide Residues

PT Calendar - 2026

PT Scheme & Code	Measurand(s) or characteristic(s)	Test Method Specifications	Tentative Schedule	Price (INR)
Physicochemical Parameters in Honey (PBTI/PT-Honey-02)	Specific gravity at 27°C, Moisture, Conductivity, Total reducing Sugars, Sucrose, Fructose to Glucose ratio (F/G Ratio), Hydroxy methyl furfural (HMF), Total Ash, Acidity (a. Expressed as formic acid; b. Free Acidity), Diastase Activity, Water insoluble matters, Proline	IS 4941 AOAC 980.23 (Ed. 22) Lab SOPs based on FSSAI Manual or AOAC Methods	PT Scheme Duration: February, 2026 to April, 2026 Registration Closes: 20 February, 2026	9000 + GST
Antibiotic Residues in Honey (PBTI/PT-Honey-03)	Chloramphenicol, Sulfonamide Gp.,, Tetracycline Gp., Tylosin , Ampicillin, Enrofloxacin, Erythromycin, Ciprofloxacin, Nitrofurans, Streptomycin-Dihydrostreptomycin	Laboratories own Standard Operating Procedure/Validated Method	PT Scheme Duration: April, 2026 to June, 2026 Registration Closes: 20 April, 2026	15000 + GST
Isotopic Parameters in Honey (PBTI/PT-Honey-01)	C4 Sugar, $\delta^{13}\text{C}$ Protein, $\delta^{13}\text{C}$ Honey, $\Delta\delta^{13}\text{C}$ P-H, $\delta^{13}\text{C}$ Fructose, $\delta^{13}\text{C}$ Glucose, $\Delta\delta^{13}\text{C}$ Fru-Glu, $\Delta\delta^{13}\text{C}$ Max , $\delta^{13}\text{C}$ Disaccharides, $\delta^{13}\text{C}$ Trisaccharides, Foreign Oligosaccharides	FSSAI Official Method, dt. 29.06.2020 by EA/LC-IRMS AOAC 998.12	PT Scheme Duration: June, 2026 to August, 2026 Registration Closes: 20 June, 2026	16000 + GST
Heavy Metals in Honey (PBTI/PT-Honey-04)	Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Tin	AOAC 2015.01 (Ed. 22)	PT Scheme Duration: August, 2026 to October, 2026 Registration Closes: 20 August, 2026	12000 + GST
2-AFGP in Honey (PBTI/PT-Honey-05)	2-Acetyl-3-Glucopyranoside (2-AFGP) as a Marker of Rice syrup	FSSAI Official Method dt 06.07.020: 2020	PT Scheme Duration: October, 2026 to December, 2026 Registration Closes: 20 October, 2026	11000+ GST
Pesticide Residues in Honey (PBTI/PT-Honey-06)	Aldrin, Amitraz, BHC, Alpha, BHC, Beta BHC, delta, BHC, gamma, Carbaryl, Carbofuran, Chlorobenzilate, Coumaphos, Cyfluthrin I, II, III, IV, Cyhalothrin, Cypermethrin I, II, III, IV, DDD p,p, DDD, o, p, DDE o,p, DDE p, p, DDT o,p, DDT p,p, Deltamethrin, Dieldrin, Endosulfan alpha, Endosulfan Beta, Endosulfan sulfate, Fenvalerate, Heptachlor, Heptachlor epoxide, Hexachlorobenzene, Malaoxon, Malathion, Permethrin, Phosalone, Propoxur, Vinclozolin	Laboratories own Standard Operating Procedure/Validated Method	PT Scheme Duration: December, 2026 to February, 2026 Registration Closes: 20 December, 2026	13500 + GST

About PBTI

Established in 2005, Punjab Biotechnology Incubator (PBTI) under Dept. of Science, Technology & Environment, GoP is the Nodal agency for Development & Promotion of Biotechnology sector in Punjab. PBTI is providing its services in Agriculture, Food, Water, Environment & Health sectors under 06 verticals:

NABL accredited Advanced Analytical facility

Project Management Consultancy & Advisory Cell

Startup Support/Incubation Cell

Environment Resource Centre

Knowledge & Upskilling Centre

Proficiency Testing (PT) Cell

PBTI's Recognitions, Accreditations & Approvals



Contact us

PUNJAB BIOTECHNOLOGY INCUBATOR
Proficiency Testing (PT) Cell

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