



## **Interlaboratory Comparison (ILC) Calendar (2025-2026)**

Proficiency Testing Division (PTD)  
Bangladesh Reference Institute for Chemical Measurements (BRiCM)  
Dr. Qudrat-e-Khuda Road, Dhaka-1205

**“PT is a test of accuracy by comparing the laboratory results with the true Value”**

Bangladesh Reference Institute for Chemical Measurements (BRiCM) is the first recognized Reference Institute for Chemical Measurement in Bangladesh, established under the provision of ‘Bangladesh Reference Institute for Chemical Measurements Act, 2020’, under Ministry of Science and Technology, currently carrying out research and providing services in the field of chemical metrology, defined as the science of Chemical Measurements.

In its usual form, the organizer of PT program or scheme distributes portions of a homogeneous material to each participant, who analyze the material under typical condition and report the result to the organizer. The Organizer compiles the results and informs the participants of the outcome, usually in the form of a score relating to the accuracy of the result.

The primary purpose of proficiency testing is to help the testing laboratories to detect and cure any unacceptable large inaccuracy in their reported results. In other words, it is designed as a self- help system to tell the participants whether they need to modify their procedures.

**Proficiency Testing/ Inter-Laboratory Comparison operate by BRiCM:**

- pH, Brix, Acidity, Sulfur di Oxide & Benzoic Acid Fruit in Juice
- Temperature, pH, Conductivity, Dissolved Oxygen & Salinity, Turbidity, TDS, Hardness & Alkalinity, Metals, Free Chlorine in Water
- Moisture, Total Ash, Acid Insoluble Ash & Total Fat in Biscuit
- Caffeine in Carbonated Drinks
- Pesticide in tomato

Sl. No.	Matrix	Parameter	Code	Schedule	Charges (BDT)
1	Biscuit	Ash	BRICM PT/ILC 126	October 2025- Dec 2025	40250/-
2		Moisture	BRICM PT/ILC 127		
3		Total Fat	BRICM PT/ILC 128		
4		Carbohydrate	BRICM PT/ILC 129		
5		Energy	BRICM PT/ILC 130		
6		Sugar	BRICM PT/ILC 131		
7		Protein	BRICM PT/ILC 132		
8		Insoluble Ash	BRICM PT/ILC 133		
9		Arsenic (As)	BRICM PT/ILC 132		
10		Lead (Pb)	BRICM PT/ILC 134		
11		Nickel (Ni)	BRICM PT/ILC 135		
12		Tin (Sn)	BRICM PT/ILC 136		
13		Iron (Fe)	BRICM PT/ILC 137		
14		Copper (Cu)	BRICM PT/ILC 138		
15		Zinc (Zn)	BRICM PT/ILC 139		

16		Lead (Pb)	BRICM PT/ILC 140		
17	Feed	Cadmium (Cd)	BRICM PT/ILC 141		
18		Chromium (Cr)	BRICM PT/ILC 142	October 2025- December 2025	13500/-
19		Arsenic (As)	BRICM PT/ILC 143		
20		Lead (Pb)	BRICM PT/ILC 144	October 2025- December 2025	10000/-
21	Milk	Fat Content	BRICM PT/ILC 145		
22		pH	BRICM PT/ILC 145		
23		Brix	BRICM PT/ILC 146		
24	Fruit Drinks	Total Acidity	BRICM PT/ILC 147	October 2025- December 2025	13500/-
25		Benzoic Acid	BRICM PT/ILC 148		
26		Sorbic Acid	BRICM PT/ILC 149		
27		Sulphur Dioxide	BRICM PT/ILC 150		
28	Wastewater	DO, BOD, COD, TDS, pH	BRICM PT/ILC 151	January 2026- April 2026	7000/-
29		pH	BRICM PT/ILC 152		

30		Total Dissolved Solid (TDS)	BRICM PT/ILC 153		
31		Sodium (Na)	BRICM PT/ILC 154		
32		Potassium (K)	BRICM PT/ILC 155		
33		Calcium (ca)	BRICM PT/ILC 156		
34		Magnesium (Mg)	BRICM PT/ILC 157		
35	Water	Chromium (Cr)	BRICM PT/ILC 158	January 2026- April 2026	40250/-
36		Iron (Fe)	BRICM PT/ILC 159		
37		Copper (Cu)	BRICM PT/ILC 160		
38		Zinc (Zn)	BRICM PT/ILC 161		
39		Cadmium (Cd)	BRICM PT/ILC 162		
40		pH	BRICM PT/ILC 163		
41		Brix	BRICM PT/ILC 164		
42	Fruit drinks/Carbonated Beverage	Benzoic Acid	BRICM PT/ILC 165	January 2026- April 2026	9000/-
43		Caffeine	BRICM PT/ILC 166		
44	Fabrics	pH	BRICM PT/ILC 167	January 2026- April 2026	5050/-

45	Formaldehyde	BRICM PT/ILC 168
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**For Communication**

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