



BOROSIL LABQUEST CALIBRATION LABORATORY

BOROSIL
Scientific

Plot No.7, Sr. No. 234,235 & 245, India Land Global Industrial Park,
Hinjawadi, Phase 1, Pune - 411057.

CC-4082

CERTIFICATE OF CALIBRATION

Certificate No : 2025/08/2792

Date of Issue : 14.08.2025

Calibration Date : 13.08.2025

Calibration Due Date : ----

Customer Details :

BOROSIL SCIENTIFIC LIMITED

1101, Crescenzo, G-Block, Opp. MCA

Club, Bandra Kurla Complex, Bandra

(East), Mumbai.

Service Request No. : 12.08.07

BLCL ID. No. : 12-08-07-12

Date of Receipt : 12.08.2025

Calibrated at : Lab

Condition on Receipt : Satisfactory

Through : **BOROSIL SCIENTIFIC LIMITED (PUNE)**

Details of Unit Under Calibration Instrument :

Description : Bottle Top Dispenser

Model : Research 100

Range : 10 to 100 ml

Product Barcode No. : 2005995194

L.C : 2 ml

Sr.No : 62

Make : Borosil

Accuracy : $\pm 0.6\%$ FS

Details of Master Equipments :

Name	Certificate No	Id.No	Sr.No	Valid Up To	Traceability
Digital Weighing Balance	NI2025/04/0313	BLCL/I/01	2742241085	23.04.2026	Nishitronics Instrumentation.

Environmental Conditions :

Room Temperature (°C)	Relative Humidity (% RH)	Barometric Pressure (hPa)	Water Temperature (°C)
(20 $\pm$ 3 °C)	45 % to 80 % RH	947.3	21.0
20.4	57.2		

Medium : Water (Grade-3) Z-Factor : 1.00201 cm/3g Reference Std.Used. : ISO-8655-5 & ISO 8655-6

Air Density : 0.00112 g/ml Water Density : 0.99800 g/ml Calibration Procedure : BLCL/L3/03

Calibration Method : Gravimetric Method.

Calibration Results - Discipline: Mechanical (Group- Volume)

Sr. No	Nominal Value in	Measured Value	STD.Deviation	Systematic Error ($\pm$) %		Random Error ($\pm$) %		Expanded Uncertainty ($\pm$)	Statement of Conformity
	ml	ml	ml	Actual	Target	Actual	Target	ml	
1	10	10.2207	0.0410	0.2207	6.00	0.4014	2.0	0.0301	PASS
2	50	50.0318	0.0773	0.0318	1.20	0.1545	0.4	0.0642	PASS
3	100	99.6535	0.0661	-0.3465	0.60	0.0664	0.2	0.0805	PASS

Remark :

- 1 The uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor k=2 corresponds to confidence level of 95.45%.
- 2 Equipment used for calibration were calibrated & traceable to National & International Standards.
- 3 The calibration results reported are valid at the time of and under the stated conditions of the Measurements.
- 4 This report shall not be reproduced in full / part without prior permission of Borosil Labquest Calibration Laboratory.
- 5 All precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However Borosil Labquest Calibration Laboratory shall not be liable for any loss or liability that may be arise to any party in this regards.
- 6 All reading are average of ten readings.
- 7 The results relate only to the item calibrated.
- 8 The Bottle Top Dispenser's Zero Position is set to number 08 and it is Calibrated at Position 16 before completing 02 full rotations from the zero position.

Ritesh R Bande

Calibrated By



Sandeep P Lohar

Approved By

ULR NUMBER : CC408225000002448F

Format No.BLCL/L4/06.Rev.No/Date : 06/01.11.2024

— End of the certificate —