

Laboratory **Supertek Calibration Laboratory, 333, HSIIDC, Saha, Ambala, Haryana**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **CC-2868 (In lieu of C-1108)** **Page** **1 of 1**

Validity **10.10.2018 to 09.10.2020** **Last Amended on -**

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I.	VOLUME			
1.	Micro-Pipette [§]	100 μ l to 1000 μ l >1000 μ l to 2000 μ l	0.5 μ l 1 μ l	Using Precision Balance with Readability 0.1 mg by Gravimetric Method as per IS/ISO 8655 (6)
2.	Pipette [§]	0.1 ml to 50 ml >50 ml to 200 ml	0.003 ml 0.005 ml	Using Precision Balance with Readability 0.1 mg/1 mg by Gravimetric Method as per IS/ISO 4787: 2010 ASTM E 542-01
3.	Burette [§]	1 ml to 25 ml >25 ml to 50 ml >50 ml to 100 ml	0.003 ml 0.003 ml 0.005 ml	Using Precision Balance with Readability 0.1 mg/1 mg by Gravimetric Method as per IS/ISO 4787: 2010 ASTM E 542-01
4.	Measuring Cylinders/ Volumetric flasks/ Beakers/ S.G. Bottle/ Graduated Tubes/ Clevenger Apparatus/ containers [§]	5 ml to 100 ml >100 ml to 250 ml >250 ml to 1000 ml >1000 ml to 2000 ml	0.01 ml 0.02 ml 0.03 ml 0.05 ml	Using Precision Balance with Readability 0.1 mg/1 mg/10 mg by Gravimetric Method as per IS/ISO 4787: 2010 ASTM E 542-01

* Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

§ Only in Permanent Laboratory.

* Only for Site Calibration.

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