

Laboratory Calibration Lab, Jain Laboratory Glassware Co, 7th Mile Stone,
Ambala-Jagadhari Road, VPO Khuda Khrud, Ambala, Haryana

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2636 (In lieu of C-1016)

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Validity 17.03.2018 to 16.03.2020

Last Amended on 13.04.2018

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I. VOLUME				
1.	Micro Pipette ^s	100 μ l < V \leq 1000 μ l 1 ml < V \leq 10 ml	0.94 μ l 2.2 μ l	Using Precision Weighing Balance 210gm x 0.1mg & Distilled Water of known Density as per procedure based on ISO 8655-6
2.	Pipettes ^s	0.1ml to 10 ml >10ml to 50ml >50ml to 100ml	0.002ml 0.005ml 0.008ml	Using Precision Weighing Balance 210gm x 0.1mg & Distilled Water of known Density By Gravimetric Method Based on DIN/BS/EN/IS/ISO 4787:2011
3.	Burettes ^s	1ml to 10ml >10ml to 50ml >50ml to 100ml	0.002ml 0.006ml 0.01ml	Using Precision Weighing Balance 210gm x 0.1mg & Distilled Water of known Density By Gravimetric Method Based on DIN/BS/EN/IS/ISO 4787:2011

Rajeshwar Kumar
Convenor

Avijit Das
Program Director

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Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
4.	Volumetric Flasks ^s	1ml to 10 ml >10ml to 100ml	0.002ml 0.008ml	Using Precision Weighing Balance 210gm x 0.1mg & Distilled Water of known Density By Gravimetric Method Based on DIN/BS/EN/IS/ISO 4787:2011
		>100ml to 1000ml >1000ml to 2000ml	0.04ml 0.05ml	Using Precision Weighing Balance 4000gm x 0.01gm & Distilled Water of known Density By Gravimetric Method Based on DIN/BS/EN/IS/ISO 4787:2011
		>2000ml to 7500ml	0.6ml	Using Precision Weighing Balance 10kg x 0.1gm & Distilled Water of known Density By Gravimetric Method Based on DIN/BS/EN/IS/ISO 4787:2011
5.	Measuring Cylinders/ Beaker/ Container/ SG Bottle ^s	5ml to 50ml >50ml to 100ml	0.005ml 0.05ml	Using Precision Weighing Balance 210gm x 0.1mg & Distilled Water of known Density By Gravimetric Method Based on DIN/BS/EN/IS/ISO 4787:2011

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Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
		>100ml to 500ml >500ml to 2000ml	0.1ml 0.2ml	Using Precision Weighing Balance 4000gm x 0.01gm & Distilled Water of known Density By Gravimetric Method Based on DIN/BS/EN/IS/ISO 4787:2011

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

§Only in Permanent Laboratory

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