Laboratory Accreditation Standard Certificate Number Validity		Gupta Scientific Industries PERFIT Laboratory, 57, Industrial Estate, HSIIDC, Ambala Cantt, Haryana				
		ISO/IEC 17025: 2005				
		CC-2849 26.09.2018 to 25.09.2020		Page	1 of 2	
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SI.	Quantity Measured / Instrument	Range/Frequency	*Calibration Capability (±	Measurement)	t Remarks	
		MECHANICA		<u>1</u>		
١.	WEIGHTS			Τ		
1.	Weights of M1 Class and Coarser ^{\$}	1mg 2mg 5mg 10mg 20mg 50mg 100mg 200mg 500mg 1gm 2gm 5gm 10gm 20gm 50gm 100gm 200gm	0.06 mg 0.06 mg 0.06 mg 0.08 mg 0.10 mg 0.12 mg 0.16 mg 0.20 mg 0.25 mg 0.03 mg 0.04 mg 0.05 mg 0.06 mg 0.08 mg 0.10 mg 0.10 mg 0.16 mg 0.30 mg		Using Standard Weights of E2 Class & Semi micro balance/Analytical balance of readability = 0.01mg. / 0.1 mg By Substitution method of weighing & ABBA weighing cycle based on OIML-R-111	
II.	VOLUME					
1.	Micro Pipette [≋]	10µI to 100µI >100µI to 1000µI >1000µI to 10mI	0.06 µl 0.6 µl 4 µl		Using Semi micro balance & distilled water of known density by Gravimetric Method Based on ISO 8655-6	

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2.	Glasswares, Burettes, Volumetric Flasks, Measuring Cylinders, Volumetric and Graduated Pipettes ^{\$}	100 μl to 1000 μl > 1000 μl to 10 ml > 10 ml to 1000 ml	16 μl	Using Semi micro balance & distilled water of known density, weighing balance with resolution 1 mg., standard weight and distilled water by Gravimetric Method Based on ISO 4787

 * Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95% $^{\$}$ Only in Permanent Laboratory

Shally Sharma Convenor