TRUE COPY

Calibration Certificate

F/CR/M/030/01 Issue No.02

Name of Customer
National Centre for Quality Calibration

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon – Ambli Road, Ambli, Ahmedabad – 380 058, Gujarat

Certificate No.	NCQC-M/271223/001
Date of Issue	28/12/2023
Date of Calibration	27/12/2023
Suggested Due Date	26/12/2024
Date of Receipt / Ref.No.:	27/12/2023

ULR No. : CC212823012501527F

Discipline : Mechanical Calibration
Dimension (Precision Instruments and Surface Topology)

Details of Observation of Unit Under Calibration

Identification No. : NCQC/M-187
Serial No. : ===
Name of Instrument : Standard Foils

Range	12 to 9663 µm (16 Nos.)	Visual Inspection	Ok
Make / Model	Paint Test Equipment/Electrophysik/===		
Location	Lab		
Loc. of Calibration	At Laboratory	Std. Ref. Used	Comparison Method
Environment Cond.	20 ±2 °C, 40 to 60% Rh.	Cali.Method No.	NCQC/CM/M/030
Actual Env. Cond.	20.6 °C 50.4 %Rh		

Master Instruments Detail

NCQC SYS.NO.	Nomenclature	Make/ Model	Id / Serial No.	Traceable To	Certificate No.	Valid Upto
226	Length Measuring Machine	Octagon / LMM300T	NCQC/M-24 / 050	CC-2751	OM / 46 / 220048	02/03/2025

Calibration Results

Standard size of Foil	Reading Observed By Reference Instruments	Error	Expanded Uncertainty in µm (k =2) ±
12 µm	12.3 µm	0.3 µm	0.740
25 µm	23.4 µm	-1.6 µm	0.740
53 µm	52.3 µm	-0.7 µm	0.740
101 µm	98.5 µm	-2.5 µm	0.740
254 µm	252.4 µm	-1.6 µm	0.740
494 µm	491.5 µm	-2.5 µm	0.740
758 µm	753.1 µm	-4.9 µm	0.740
984 µm	982.1 µm	-1.9 µm	0.740
1508 µm	1502.1 µm	-5.9 µm	0.740
2092 µm	2084.9 µm	-7.1 µm	0.740
2858 µm	2847.8 µm	-10.2 µm	0.740
4550.3 µm	4550.3 µm	0 µm	0.740
7430 µm	7425.7 µm	-4.3 µm	0.740
7840 µm	7829.7 µm	-10.3 µm	0.740
8050 µm	8049.2 µm	-0.8 µm	0.740
9663 µm	9667.8 µm	4.8 µm	0.740

Traceable To National / International Standards.

Calibrated By	Maulik Rathod Calibration Engineer	**Reviewed & Approved By**	Jigar Panchal Calibration Incharge

NCQC System Certificate No. 365

NCQC Valid up to 26/12/2024 Reviewed

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Name of Instrument : Standard Foils

Remarks:
- Averages of minimum five readings are reported.
- Suggested due date is given based on customer requirements
- Condition of instrument found satisfactory during receipt.
- These results are obtained at the time of calibration.
- Result relates to the item calibrated only.
- No external provider was used for calibration and hence it is not applicable.
- Calibration certificate shall not be reproduced except in full without written approval of Director, NCQC.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- The uncertainties are for a confidence probability of not less than 95% with coverage factor k = 2
- Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with National / international standard.

Traceable To National / International Standards.

Calibrated By	Maulik Rathod Calibration Engineer	**Reviewed & Approved By**	Jigar Panchal Calibration Incharge