



# BANSAL CALIBRATION SERVICES



## Calibration Certificate

Format No.:- BCS/QF/7.8-01		ULR No.:- CC24382200004381F	
Certificate No :	BCS/MN/22040074-001	No. of Page	1 OF 1
Customer Name :	M/s. SHRI MATA SHEETLA DEVI SWARNA JAYANTI DIAGNOSTIC CENTRE HINDLABS HLL LIFECARE LIMITED MCG Engg.Office Building,Sector-39, Jharsa,Gurugram-122003,Haryana,India	S.R.F. No. & Date	BCS/MN/22040074/12-04-2022
Address		Calibration Date	12-04-2022
		Sugg. Calibration Due Date	11-04-2023
		Certificate Issue Date	14-04-2022

### A) Identification ON UUC (Unit Under Calibration)

Calibration Certificate of	METALLURGICAL MICROSCOPE	Instrument Sr. No / Id No.	19H0212 / HLL/HR55/GGN/MICROSCOPE/ 01
Make / Model	Magnus MLXi Plus / MLX-TR Plus LED	Location	---
Range /Size	Objective: - 4x, 10x, 40x, 100x	Visual Inspection	OK
Eye Piece	10x	Calibration Performed at	Site

### B) Master Equipment used for Calibration

Name	Range / Serial no.	Calibration Agency	Traceability Certificate No	Certificate Date	Valid Up-to
Glass Scale	0 - 1 mm	TANSON	TI/H/GS/012/20	25-08-2020	24-08-2022
Eye Piece	0 - 10 mm	TANSON	TI/H/GS/014/20	31-08-2020	30-08-2022
Environmental Condition	Temperature	23°C ±5°C	Calibration Reference Standard		ISO - 10936-1
	Humidity	30 -80%RH	Calibration Procedure		BCS/M/CP-20

### Mechanical Calibration

#### Calibration Results

Eye Piece x Objective = Magnification	Reference Size in (mm)	Observed Magnification in( mm)
10x X 10x = 100x	0.5	49.99
10x X 40x = 400x	0.1	39.99
10x X 100x = 1000x	0.1	99.98

Uncertainty of Measurement

±0.5%

The uncertainty stated is the expanded uncertainty of measurement obtained by multiplying the standard uncertainty by the coverage factor k=2 correspondence to confidence level of 95%.

Note: -

1. The Calibration results reported in this certificate are valid at the time of and the stated condition of measurement.
2. This report should not be reproduced except in full without our prior permission in writing.
3. Calibration certificate without signature are not valid.
4. All our certificates are Metrological Traceable.
5. This Certificate relates to the item Calibrated.

Calibrated By DALIP KUMAR CALIBRATION ENGG.	<i>Dalip Kumar</i>	Reviewed / Approved By V.S BANSAL AUTHORIZED SIGNATORY	
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