TVCSPL CALIBRATION SERVICES PRIVATE LIMITED

NABL ACCREDITED CALIBRATION LABORATORY - ISO/IEC 17025:2017
Government Recognized Secondary Metrology Standard Laboratory

CALIBRATION CERTIFICATE - ANALYTICAL BALANCE

Certificate No: TVCSPL 20/10/987-03 **Date of Issue:** 2025-10-23

Date of Calibration: 2025-10-23 **Next Recalibration Due:** 2026-10-22

1. CUSTOMER & INSTRUMENT DETAILS

Customer Name & Address:	Featuron Calibration Centre / Featuron Engineering Services
Equipment / Standard Name:	Analytical Balance (Used for 100ul to 10ml)
Manufacturer / Make:	Shimadzu
Model / Type:	Quintix 224-1S
Serial Number:	34893056
Condition of Standard:	Clean, Verified, Fully Operational & Calibrated
Environmental Conditions:	Temp: 20.0 deg C +/- 1.0 deg C, RH: 50% +/- 5%

2. METROLOGICAL TRACEABILITY & CALIBRATION RESULTS

Measurement Uncertainty:	U = +/- 0.01 mg (0.01 mg, k=2, 95% confidence level)
National / Int'l Traceability:	E2 Class Weights traceable to National Physical Laboratory (NPL)
Calibration Method / Norm:	ISO/IEC 17025:2017 Standards Calibration Procedure
Calibration Interval:	12 Months (Annual Recalibration)
Remarks / Suitability:	Verified for single-channel & multi-channel gravimetric measurements.

TRACEABILITY STATEMENT:
The measurement standards used in this calibration are traceable to National Standards through National Physical Laboratory (NPL, India) or BIPM recognized national metrology institutes under CIPM MRA.

Calibrated By:

Senior Metrology Engineer
Featuron / Calibrating Agency

Authorized Quality Signatory:

Head of Calibration Laboratory
Approved Signatory (ISO/IEC 17025:2017)