

MetroLab Calibration

SANAS T0456

Proficiency Testing Report

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Scheme: NMISA PT-EL-22 — DC Voltage
Provider: NMISA
Discipline: Electrical
Frequency: Annual
Next due: 2027-03-01
Status: ACTIVE

4 round(s) | 3 Satisfactory | 0 Questionable | 1 Unsatisfactory

Round	Date	Item	Unit	Reported (x±U)	Assigned (X±U)	En	z	Result
R1	2026-03-12	10 V DC	V	10.008 ± 0.01	10 ± 0.005	0.72	0.40	Satisfactory
R2	2026-04-09	10 V DC	V	10.025 ± 0.01	10 ± 0.005	2.24	1.25	Unsatisfactory
R3	2026-05-14	10 V DC	V	9.997 ± 0.01	10 ± 0.005	-0.27	-0.15	Satisfactory
R4	2026-06-11	10 V DC	V	10.004 ± 0.01	10 ± 0.005	0.36	0.20	Satisfactory

Scored per ISO 13528 / ISO/IEC 17043 (ISO/IEC 17025 cl. 7.7). $En = (x-X) / \sqrt{U_{lab}^2 + U_{ref}^2}$: $|En| \leq 1$ Satisfactory. $z = (x-X) / \sigma_{pt}$: $|z| \leq 2$ Satisfactory, $2 < |z| < 3$ Questionable, $|z| \geq 3$ Unsatisfactory.