



Hereby grants accreditation to

**CARIBBEAN METROLOGY CENTER (LAB) AT VWR
ADVANCED INSTRUMENTS, LLC.**

Manatí, Puerto Rico, USA

The above-mentioned organization complies with:

ISO/IEC 17025:2017

“General requirements for the competence of testing and calibration laboratories”
And is hereby recognized by ABA as an:

ACCREDITED LABORATORY

Competent to perform the activities on the schedule accompanying this certificate.

The scope of this accreditation certificate covers the calibration activities performed at the Caribbean Metrology Center (Lab) at VWR Advanced Instruments LLC facility that is located at Bo. Cotto Norte, Carretera 686, Int. 670, in Manatí, Puerto Rico, USA.

Accreditation Number: ACTL-2017-02-01

Accreditation Date: April 12, 2023

Expiration Date: April 12, 2026

A handwritten signature in black ink, appearing to be 'J. J. ...', is written over a horizontal blue line.

Director



13800 Coppermine Road, Herndon, VA 20171 – USA

To verify the on-going validity of this certificate, scan the QR code or visit our website. : www.abofamerica.com



ACCREDITATION CERTIFICATE ANNEX
ISO/IEC 17025 :2017
FIELDS OF CALIBRATION COMPETENCE FOR:
CARIBBEAN METROLOGY CENTER (LAB) AT VWR ADVANCED INSTRUMENTS, LLC
 Manatí, Puerto Rico, USA
Accreditation Number: ACTL-2017-02-01, **Expiration Date:** April 10, 2026

Test Description	Test Parameter / Range	Reference Document
Echelon I Mass Calibration (Advanced Weighing Design by NIST Mass Code)	1mg to 30kg	NIST HB145 SOP #28
Echelon II Mass Calibration (NIST HB145, SOP #5)	1mg to 30 kg 0.002 lb a 50 lb	NIST HB145 SOP #5 NIST HB145 SOP #4
Volume-Micropipettes Calibration (Gravimetric Method)	0.1 µL to 20,000 µL	ISO 8655 Pipette Tracker and Calibry Programs
Digital Thermometer Systems Calibration (Comparison Method)	-196°C to 1100°C	NIST ITS-90
Thermocouple Indicator Calibration (Electrical Simulation)	-100 mV to 100 mV	NIST ITS-90
Liquid in Glass Thermometer Calibration (Comparison Method)	-20°C to 150°C	NIST ITS-90
Electrical Multimeter Calibration (Fluke based procedure)	0 to 1000 VDC 0 to 20 ADC 0 to 1100 MΩ 0 to 1000 VAC 0 to 20 AAC 0.19 nF to 110 mF Temperature Calibration read/simulating (Thermocouple) Type: B, C, E, J, K, L, N, R, S, T and U Temperature Calibration (RTD) Type: PT395 100Ω, PT3926 100Ω, PT3916 100Ω, PT385 200Ω, PT385 500Ω, PT385 1000Ω, PtNi385 120Ω and Cu427 10Ω	OP-CE-002 Operational Procedure VWR
Electrical Calibration Procedure (pH reading/simulating on mV, power supply, clamp meter, peak simulator, tachometer and Megohmmeter)	0 to 1000 VDC 0 to 20 ADC 0 to 1100 MΩ 0 to 1000 VAC 0 to 20 AAC	OP-CE-003 Operational Procedure VWR
Resistance Calibration Procedure	0 to 1100MΩ	OP-CE-011 Operational Procedure VWR

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