



Accreditation Board of America, LLC

Hereby grants accreditation to

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

Manati, 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 a:

ACCREDITED LABORATORY

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

The scope of this accreditation certificate covers the testing 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 Manati, Puerto Rico, USA.

Accreditation Number: ACTL-2017-02-01

Accreditation Date: April 15, 2020

Expiration Date : April 15, 2023

Executive Director



13800 Coppermine Road, Herndon, VA 20171 – USA

To verify the on-going validity of this certificate please go to: www.abofamerica.com



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ACCREDITATION CERTIFICATE ANNEX

ISO/IEC 17025 :2017

FIELDS OF TESTING COMPETENCE FOR:

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

Manati, Puerto Rico, USA

Accreditation Number: ACTL-2017-02-01, **Expiration Date:** : April 15, 2023

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 μ L to 20,000 μ L	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 M Ω 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 100 Ω , PT3926 100 Ω , PT3916 100 Ω , PT385 200 Ω , PT385 500 Ω , PT385 1000 Ω , PtNi385 120 Ω and Cu427 10 Ω	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 M Ω 0 to 1000 VAC 0 to 20 AAC	OP-CE-003 Operational Procedure VWR
Resistance Calibration Procedure	0 to 1100M Ω	OP-CE-011 Operational Procedure VWR

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