Allometrics
when measurements matter
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ACCREDITED CERT #2039.01

BURETTE Certification

001305530

Customer: BRAZORIA COUNTY AUDITOR
3602 COUNTY ROAD 45

ANGLETON, TX 77515-9575
Work Order: 00150588-3
Contact: KAYLA BAYLOR
kaylab@brazoriacountytx.gov

Serial Number: 21M00530
Asset ID: 21M00530
Manufacturer: BRANDTECH
Model Number: BD-10

Test Result: **PASS**
Cal Date: 4/21/2026
Next Cal Date: 04/21/2027
Performed At: Allometrics Laboratory
Performed By: ITHOMPSON

Calibrations by Allometrics are performed in accordance with the principles of ISO 9001. Allometrics maintains a Quality Management System accredited to ISO/IEC 17025. The use of the Accrediting Body's logo is exclusive to calibrations where the contractual obligations meet the minimum requirements as specified by ILAC and A2LA. For additional information regarding Allometrics' accredited status visit the A2LA website and view scope 2039.01. This calibration is accredited.

The test standards utilized in this calibration have been tested and certified by an accredited calibration laboratory and are traceable to the SI through nationally and/or internationally recognized standards. Measurement uncertainty is expressed based on a coverage factor (*k*) equal to 2 for an approximately 95% level of confidence.

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TEST ENVIRONMENT

Air Temperature: 20.6 C
Water Temperature: 19.92 C
Barometric Pressure: 1021.5 hPa
Relative Humidity: 43.19 %

UUT CONFORMITY TEST DATA

	1 mL		5 mL		10 mL	
Description	As Found	As Left	As Found	As Left	As Found	As Left
Reading 1 (g)	1.0273	1.0273	5.0031	5.0031	9.9926	9.9926
Reading 2 (g)	1.0232	1.0232	4.9924	4.9924	10.0017	10.0017
Reading 3 (g)	1.0093	1.0093	4.9918	4.9918	10.0005	10.0005
Mean (g)	1.0199	1.0199	4.9958	4.9958	9.9983	9.9983
Loss Due to Evaporation (g)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Random Error (precision)(ml)	0.0095	0.0095	0.0064	0.0064	0.0050	0.0050
Max Permissable Random Error	0.01	0.01	0.01	0.01	0.01	0.01
Volume Delivered (ml)	1.0228	1.0228	5.0092	5.0092	10.0250	10.0250
Max Permissable Systematic Error	0.03	0.03	0.03	0.03	0.03	0.03
Systematic Error (ml)	0.0228	0.0228	0.0092	0.0092	0.0250	0.0250
Test Result	Pass	Pass	Pass	Pass	Pass	Pass
Uncertainty (ml)	2.2E-02	2.2E-02	1.7E-02	1.7E-02	1.5E-02	1.5E-02

TEST EQUIPMENT

Description	ID	SERIAL NO.	Cal. Due Date
FLUKE/2456-LEM/LAB ENVIRONMENTAL MONITOR	1251	73167	5/31/2027
TROEMNER/ASTM CLASS 1/WEIGHT SET / 10MG TO 50G	1616	401299390	4/30/2027
TRACEABLE/89369-138/DIGITAL THERMOMETER	3013	192608473	4/30/2026
A&D/AD4212B-PT/BALANCE / PIPETTE BALANCE	6050	T0102697	6/30/2026

Balance Information:

Make	Model	Serial Number	Capacity/Resolution
AND	AD4212B-101	T0102697	5.1 g/0.001 g

PROCEDURE

Procedure Name	Descripton	Revision	Date
QWI 19-19	VOLUMETRIC TITRATOR AND BURETTE CALIBRATION	B.	3/3/2021

COMMENTS

--------- end report ---------

Approved by / Date of Issue: Terry Baldwin, Quality Manager / 21-Apr-2026

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