CALIBRATED BY TRANSCAT®

Certificate of Calibration

Level 4 Service

Certificate Number -- 538064

Certificate ID

Company	ALLOMETRICS INC	Manufacturer	EPPENDORF	As Found:	UNABLE TO OBTAIN DATA
	1425 Atlantis Dr Ste B	Model:	Repeater E3X	As Left:	IN TOLERANCE
	Webster, TX 77598	Description	REPEATER	Issue Date:	4/Jun/2026
PO Number:	RP142552LS	Serial Number:	H44206L	Cal Date:	2/Jun/2026
Contact:	Scott Gentry	ID Number:	H44206L	Due Date:	30/Jun/2027
Phone:	281-474-3329	Dept:	---	Calibrated To:	OEM SPECS
Order:	018514-31	Room:	---	Cal Proc:	SOP 02

Laboratory Test Conditions:

Temperature (C)	21.5	Density Correction (z-Factor)	1.0022
Relative Humidity (%)	52	Water Den. (gm/ml)	0.9979
Bar. Pressure (kPa)	101.2	Evaporation Rate (mg)	0.001

ISO/IEC 17025:2017 Accredited
AC-2489.27

TRANSCAT PIPETTES

Asset/Standard	Description	Serial Number	Cal Date	Due Date
0 - FLUKE 1620A Dev	ENVIRONMENTAL M	C19012	March 12, 2026	March 31, 2027
0 - MENSOR CPG240	BAROMETRIC PRES	41001GJH	March 31, 2026	March 31, 2027
0 - Thermapen - 2	THERMOMETER FOR	B23496669	July 18, 2025	July 31, 2026
3 - 225D-1S (HV)	BALANCE	0043804404	February 26, 2026	February 28, 2027

Measurement uncertainty has been evaluated according to the guidelines of the GUM, using the root-sum-square method, and incorporating both Type A, assuming a normal distribution, and Type B components. Measurement uncertainty is expressed with a coverage factor k=2, representing approximately a 95% confidence level. The calibration service results published in this certificate were obtained gravimetrically using Grade 3 purified water, equipment manufacturer or appropriate substitute tips, and ISO8655 compliant test equipment that is traceable through NIST to the International System of Units (SI). Documentary evidence available upon request. Transcat Pipettes certifies that the above measuring device meets or exceeds all measurement tolerances, unless otherwise noted. The uncertainty associated with the measurement is not included in determining inaccuracy Pass/Fail results. Transcat Pipettes prohibits the reproduction of this document, except in its entirety. The results reported on this certificate relate only to the item calibrated, as indicated within. * In order to prevent rounding errors, more digits are retained in intermediate calculations than are usually shown - ILAC JCGM 100:2008 (GUM) Section 7.2.6.

5 ml combi-tip

	As Found Data	As Left Data		
Test Volumes(µL)	**No 'As-Found' Test Data taken. Please see comments section**	500.00	2500.00	5000.00
		496.10	2487.10	4975.40
		497.10	2486.90	4976.60
		498.00	2482.90	4978.00
		498.30	2487.30	4977.10
		497.40	2487.70	4976.70
		496.90	2487.40	4977.20
		497.20	2487.90	4976.70
		497.50	2487.70	4976.90
		498.90	2486.20	4977.50
		496.50	2487.60	4977.50
*Mean (mg)		497.386	2486.872	4976.957
Density Corr.		1.0022189	1.0022189	1.0022189
Mean (uL)		498.49	2492.39	4988.00
Accuracy (% Dev)		-0.30	-0.30	-0.24
Inaccuracy Tolerance(±%)		0.80	0.50	0.50
Precision (CV%)		0.17	0.06	0.01
Imprecision Tolerance(±%)		0.35	0.25	0.15
Test Uncertainty(±µL / ±%)		0.55 / 0.11	1.8 / 0.072	1.8 / 0.036
Test Result		PASS	PASS	PASS

Comments

PM Service Performed
Customer states the pipette is not reading tips properly. Customer statement confirmed, no as found data was able to be taken. Replaced damaged Combitip sensor to correct as found issue.

Parts Used

1 X Eppendorf Repeater E3/E3x Combitip Sensor

Calibrated At:
10130 Sorrento Valley Rd
Suite C-D
San Diego, CA 92121

Facility Responsible:
10130 Sorrento Valley Rd
Suite C-D
San Diego, CA 92121

Calibrated By:
Kyle Castro
Technician

Reviewed By:
Daniel.Yampolsky
DANIEL.YAMPOLSKY (Lab QA Sign Off) - 6/4/2026 7:03:34 AM