

PIPETTE CALIBRATION SERVICES LEVELS



For All Services Levels:

- AF = As Found | AL = As Left
- Volume Levels x Number of Samples
- All Channels are Documented for Multi-Channel Pipettes

	RESEARCH LEVEL		CLINICAL LEVEL		REGULATED LEVEL			
	Research Organizations & Academic Labs		Hospitals & Clinical Labs (CAP/CLIA)		LEVEL 1 ISO 17025	LEVEL 2 ISO 17025+	LEVEL 3 ISO 8655	
	LEVEL 1 AF: 0 AL: 2 X 4	LEVEL 2 AF: 0 AL: 2 X 4	FIXED VOLUME AF: 1 X 2 AL: 1 X 6	VARIABLE VOLUME AF: 3 X 2 AL: 3 X 3	TOTAL SAMPLES: AF: 2 AL: 6	TOTAL SAMPLES: AF: 6 AL: 9	TOTAL SAMPLES: AF: 8 AL: 12	TOTAL SAMPLES: AF: 12 AL: 18
Preventative Maintenance	✓	✓	✓	✓	✓	✓	✓	✓
NIST-Traceable Calibration	✓	✓	✓	✓	✓	✓	✓	✓
Individual Detailed Calibration Certificate Issued	✓	✓	✓	✓	✓	✓	✓	✓
Calibration Label Affixed to Instrument	✓	✓	✓	✓	✓	✓	✓	✓
Calibration Tested at 10% and 100% of Nominal Volume	✓	✓	✓	✓	✓	✓	✓	✓
Leak Test Performed	✓	✓	✓	✓	✓	✓	✓	✓
21 CFR Part 11 Compliant Single E-Signature	✓	✓	✓	✓	✓	✓	✓	✓
Samples Documented		✓	✓	✓	✓	✓	✓	✓
As-Found Sample Data			✓	✓	✓	✓	✓	✓
21 CFR Part 11 Compliant Dual E-Signatures					✓	✓	✓	✓
ISO/IEC 17025:2017 Accredited Certificate					✓	✓	✓	✓
Uncertainty Reported					✓	✓	✓	✓
ISO 8655:2022 Compliant Calibration						✓	✓	✓
Extended # of Samples for Statistical Analysis							✓	✓