



J33050D



CAL-M006502

Calibration Done By : ACE Pipettes LLC, Cypress, TX

Client Information

Customer Name World Wide Clinical Trials
 Street Address 2455 Northeast Interstate 410
 Loop Suite 150
 City-Zip Code San Antonio, 78217
 Customer Dept TRAINING

Laboratory Test Conditions- As Found / As Left

Env. Temp (°C)	19.0	19.0
Env. Pr (kPa)	101.3	101.3
Humidity(% RH)	30.0	30.0
Z- Factor	1.0027	1.0027

Client Pipette Details: -Pipette 1 Ch. Eppendorf Research Plus 100 - 1000 uL

ID Marks	D3005	Test Date	01/11/2021
S/L No:	J33050D	Next Schedule date	04/30/2021

Laboratory Test Equipment and Standards

PID	Description	S/L No:	Last Cal Date	Next Cal Date
AM000842	Weight Standard	08496	08/04/2020	08/31/2021
AM000841	Mettler Balance XP205DR	B043079758	10/16/2020	10/31/2021
AM001288	RH Meter/Thermometer	200470151	08/08/2020	08/08/2022

AS Found Data**As Left Data**

	100uL	1000uL	100uL	500uL	1000uL
	99.5	997.4	102.2	499.7	1000.3
	100.8	995.4	101.7	500.5	1000.3
	100.0	994.0	102.0	500.9	999.4
	100.3	992.9	102.4	500.2	999.8
			102.8	500.4	998.7
Mean (As Is)-mg	100.15	994.925	102.22	500.34	999.7
Z- Factor	1.0027	1.0027	1.0027	1.0027	1.0027
Mean Corrected-uL	100.421	997.611	102.496	501.691	1002.399
Target	100.0	1000.0	100.0	500.0	1000.0
Accuracy (% Diff)	0.421	0.239	2.496	0.338	0.240
Inaccuracy Tolerance	<=3	<=0.6	<=3	<=1	<=0.6
Accuracy Summary	Pass	Pass	Pass	Pass	Pass
SD Corrected	0.546	1.947	0.416	0.440	0.677
Precision (%CV)	0.544	0.195	0.406	0.088	0.068
Imprecision Tolerance	<=0.6	<=0.2	<=0.6	<=0.2	<=0.2
Imprecision Summary	Pass	Pass	Pass	Pass	Pass
Test Summary	Pass	Pass	Pass	Pass	Pass

Calibration Notes:

This report serves as report toward compliance with ISO Standards and other regulatory requirements. This pipette was calibrated gravimetrically using our company internal Standard Operating Procedures. This report certifies that this pipette met the manufacturer's specification on the date shown here for the calibration date. The calibration of the balance and standard weights are traceable to NIST. The gravimetric data was measured in mg. or g. and converted to uL or mL using the correction factor from ISO 8655 Standard and accounted for density of distilled water. The Pass/Fail decision reported in this report has not been accounted for measurement uncertainty. This report shall not be reproduced except in full without written permission from our company.

Certificate ID No
PID

CAL-M006502
AM000038

Certificate Date
Calibration Done By

01/11/2021
Kaushika Banerjee