

Tested Item

Part Number: 4721
 Serial Number: 7025704
 Pipet Factor: 0.9868
 Firmware Version: 4.21

Test Equipment

Grip Tip Part #: 4412
 Balance S/N: 37001959
 Balance Cal. Due: 01/2021

Test Conditions

Date: (dd.mm.yy) 15.12.20
 Location: Switzerland
 Lab Technician: Zora Gjordic
 Temperature (°C): 25.0
 Air Pressure (hPa): 900
 Z-Factor: 1.0039

Pipette Factory Specifications

Test Volume (µl) 12.5 1.25
 Accuracy (±%) 2.00 10.00
 Precision (5%) 0.80 6.00

PASS

Gravimetric Data

Test Volume (µl) 12.5

	Ch 1	Ch 2	Ch 3	Ch 4	Ch 5	Ch 6	Ch 7	Ch 8
Dispense 1 (µl)	12.67	12.62	12.65	12.65	12.63	12.66	12.67	12.66
Dispense 2 (µl)	12.62	12.61	12.56	12.61	12.60	12.50	12.64	12.62
Dispense 3 (µl)	12.67	12.62	12.59	12.59	12.60	12.60	12.60	12.62
Dispense 4 (µl)	12.70	12.60	12.59	12.62	12.61	12.63	12.63	12.63
Dispense 5 (µl)	12.68	12.64	12.65	12.67	12.64	12.64	12.65	12.65
Test Statistics								
Mean (µl)	12.67	12.62	12.61	12.63	12.61	12.60	12.64	12.63
Std. Deviation (µl)	0.03	0.01	0.04	0.03	0.02	0.06	0.03	0.02
Accuracy (%)	1.34	0.94	0.85	1.02	0.92	0.84	1.10	1.08
Precision (%)	0.23	0.12	0.32	0.25	0.14	0.50	0.21	0.14

Gravimetric Data

Test Volume (µl) 1.25

	Ch 1	Ch 2	Ch 3	Ch 4	Ch 5	Ch 6	Ch 7	Ch 8
Dispense 1 (µl)	1.25	1.28	1.23	1.25	1.24	1.26	1.24	1.26
Dispense 2 (µl)	1.27	1.31	1.26	1.26	1.26	1.28	1.26	1.28
Dispense 3 (µl)	1.27	1.31	1.27	1.30	1.27	1.31	1.28	1.32
Dispense 4 (µl)	1.25	1.27	1.25	1.26	1.26	1.30	1.26	1.28
Dispense 5 (µl)	1.28	1.28	1.26	1.27	1.26	1.30	1.27	1.30
Test Statistics								
Mean (µl)	1.27	1.29	1.26	1.27	1.26	1.29	1.27	1.29
Std. Deviation (µl)	0.01	0.01	0.02	0.02	0.01	0.02	0.01	0.02
Accuracy (%)	1.51	3.28	0.71	1.67	1.03	3.12	1.35	3.12
Precision (%)	1.06	1.04	1.21	1.20	0.87	1.18	1.18	1.41

Approved By:



Certificate Number:

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