

PIPETTE IDENTIFICATION

CUSTOMER ID	ID000531	CATALOG NO.	1057-1000 Ovation
CUSTOMER NAME	John Smith	MODEL	QS 1000uL
ADDRESS 1	XYZ Company	SERIAL NO.	123456
ADDRESS 2	123 Club Rd	REPAIR NO.	WD1234567
CITY, STATE, ZIP	New York	NY 12345	TECHNICIAN ID Y.B.

TESTING CONDITIONS

WATER TEMP (°C)	20.71	BALANCE MODEL	Sartorius MC210S
AIR TEMP (°C)	21.30	BALANCE SERIAL NO.	70608696
RELATIVE HUMIDITY (%)	48.0	TIPS USED	4060-3004
BAROMETRIC PRESSURE (mmHg)	735.15	"Z" FACTOR	1.0030
		TEST METHOD	To Deliver

TESTING INFORMATION

TESTING DATA

(measured weight - mg)	<u>Volume 1</u>	<u>Volume 2</u>	<u>Volume 3</u>
Weighing 1	100.44	498.83	999.01
Weighing 2	100.70	498.49	998.95
Weighing 3	100.84	498.77	998.34
Weighing 4	100.59	499.12	998.89

Mean (mg)	100.64	498.80	998.80
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CALIBRATION VERIFICATION RESULTS

Mean Test Volume (µL)	100.94	500.30	1001.80
Accuracy (±%)	0.94	0.06	0.18
Precision (CV%)	0.17	0.05	0.03

PERFORMANCE SPECIFICATIONS

Nominal Test Volume (µL)	100.00	500.00	1000.00
Accuracy (±%)	3.00	0.80	0.80
Precision (CV%)	0.60	0.20	0.15

PIPETTE STATUS	PASS	PASS	PASS
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Comments:

Performed By: Yehia Balal Title: Technician Date of Calibration: 2/7/2019

CERTIFICATE ID: 194467

PIPETTE IDENTIFICATION

CUSTOMER ID	ID000531	CATALOG NO.	1057-1000
CUSTOMER NAME	John Smith	MODEL	Ovation QS 1000uL
ADDRESS 1	XYZ Company	SERIAL NO.	123456
ADDRESS 2	123 Club Road	REPAIR NO.	WD1234567
CITY, STATE, ZIP	New York	NY 12345	TECHNICIAN ID Y.B.

TESTING CONDITIONS

WATER TEMP (°C)	20.70	BALANCE MODEL	Sartorius MC210S
AIR TEMP (°C)	21.10	BALANCE SERIAL NO.	70608696
RELATIVE HUMIDITY (%)	48.3	TIPS USED	4060-3004
BAROMETRIC PRESSURE (mmHg)	729.62	"Z" FACTOR	1.0030
		TEST METHOD	To Deliver

TESTING INFORMATION

TESTING DATA

(measured weight - mg)	<u>Volume 1</u>	<u>Volume 2</u>	<u>Volume 3</u>
Weighing 1	100.06	498.77	998.04
Weighing 2	100.38	498.53	998.64
Weighing 3	100.38	498.38	998.60
Weighing 4	100.17	498.75	998.43
Weighing 5	100.47	498.28	998.43
Weighing 6	100.27	498.93	998.85
Weighing 7	100.31	498.44	998.70
Weighing 8	100.16	498.87	998.70
Weighing 9	100.14	498.57	998.84
Weighing 10	100.62	498.75	998.78
Mean (mg)	100.30	498.63	998.60

CALIBRATION VERIFICATION RESULTS

Mean Test Volume (µL)	100.60	500.13	1001.60
Accuracy (±%)	0.60	0.03	0.16
Precision (CV%)	0.17	0.04	0.03

PERFORMANCE SPECIFICATIONS

Nominal Test Volume (µL)	100.00	500.00	1000.00
Accuracy (±%)	3.00	0.80	0.80
Precision (CV%)	0.60	0.20	0.15

PIPETTE STATUS PASS PASS PASS

Comments:

Performed By: Yehia Balal Title: Technician Date of Calibration: 2/8/2019