

PIPETTE IDENTIFICATION

CUSTOMER ID	Sample	CATALOG NO.	1057-0200
CUSTOMER NAME	John Smith	MODEL	Ovation QS Pipette
ADDRESS 1	123 Broadway Ave	SERIAL NO.	123456
ADDRESS 2	Clinical Testing Lab	REPAIR NO.	IS12345
CITY, STATE, ZIP	New York	NY 123456	TECHNICIAN ID Jon B

TESTING CONDITIONS

WATER TEMP (°C)	20.14	BALANCE MODEL	Sartorius MC210S
AIR TEMP (°C)	21.30	BALANCE SERIAL NO.	70608692
RELATIVE HUMIDITY (%)	52.4	TIPS USED	4060-2004
BAROMETRIC PRESSURE (mmHg)	743.43	"Z" FACTOR	1.0029
		TEST METHOD	To Contain

TESTING INFORMATION

TESTING DATA

(measured weight - mg)	<u>Volume 1</u>	<u>Volume 2</u>	<u>Volume 3</u>
Weighing 1	19.13	95.09	190.01
Weighing 2	19.14	95.10	190.11
Weighing 3	19.16	95.11	190.21
Weighing 4	19.15	95.12	190.31

Mean (mg)	19.15	95.11	190.16
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CALIBRATION VERIFICATION RESULTS

Mean Test Volume (µL)	19.21	95.39	190.71
Accuracy (±%)	-3.95	-4.61	-4.65
Precision (CV%)	0.05	0.01	0.07

PERFORMANCE SPECIFICATIONS

Nominal Test Volume (µL)	20.00	100.00	200.00
Accuracy (±%)	2.50	0.80	0.80
Precision (CV%)	1.00	0.25	0.15

PIPETTE STATUS	FAIL	FAIL	FAIL
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Comments:

Performed By: Jon Benack Title: Technician Date of Testing: 5/4/2016

CERTIFICATE ID: 138881

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RELATIVE HUMIDITY (%)	52.4	TIPS USED	4060-2004
BAROMETRIC PRESSURE (mmHg)	743.43	"Z" FACTOR	1.0029
		TEST METHOD	To Contain

TESTING INFORMATION

TESTING DATA

(measured weight - mg)	<u>Volume 1</u>	<u>Volume 2</u>	<u>Volume 3</u>
Weighing 1	19.81	99.91	199.81
Weighing 2	19.91	100.01	199.91
Weighing 3	20.01	99.81	199.71
Weighing 4	19.81	99.91	200.01
Weighing 5	19.92	100.01	199.81
Weighing 6	20.03	99.71	199.71
Weighing 7	19.86	99.81	200.01
Weighing 8	19.92	99.91	199.91
Weighing 9	20.02	100.01	199.81
Weighing 10	19.96	100.31	200.01
Mean (mg)	19.93	99.94	199.87

CALIBRATION VERIFICATION RESULTS

Mean Test Volume (µL)	19.99	100.23	200.45
Accuracy (±%)	-0.05	0.23	0.22
Precision (CV%)	0.40	0.16	0.06

PERFORMANCE SPECIFICATIONS

Nominal Test Volume (µL)	20.00	100.00	200.00
Accuracy (±%)	2.50	0.80	0.80
Precision (CV%)	1.00	0.25	0.15

PIPETTE STATUS PASS PASS PASS

Comments:

Performed By: Jon Benack Title: Technician Date of Testing: 5/4/2016