

27 Sabal Drive
 Punta Gorda FL 33950
 Phone: 877-747-3883



**SINGLE CHANNEL PIPET
 CERTIFICATION OF CALIBRATION**

Tech: B. Heiberger

Customer: Sample Science customer
 Manufacturer: Rainin Lite
 Calibration Range: 20-200 Units: µl
 Calibration SOP No.: QU Plat
 Balance Type: Mettler XS 205
 Balance Serial No.: 1111
 Balance Due.: 31-Jan-17

ID. No.: 21112
 Serial No.: 11133
 Calibration Interval: 6 Month
 Calibration Date: 02-Feb-16
 Calibration Due Date: 31-Aug-16
 Water Temperature: 22.0 °C
 H2O Density: 0.99777

As Found Calibration Data

Reading #	LOW	MID	HIGH
1	19.92	99.58	198.99
2	20.09	99.74	200.15
3	20.11	99.00	200.01
4	20.00	100.02	199.93

	LOW	MID	HIGH
Mean in mg:	20.03	99.59	199.77
Mean in µl:	20.07	99.81	200.22
% CV:	0.44	0.43	0.26
% Accuracy	100.37	99.81	100.11
ISO Spec %	8.0	1.6	0.8
Pass/Fail	PASS	PASS	PASS

Target Volume

20	100	200
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Comments: _____

As Left Calibration Data

Reading #	LOW	MID	HIGH
1	20.02	99.97	199.39
2	19.95	99.39	199.42
3	19.94	99.98	200.16
4	19.93	99.95	199.33

	LOW	MID	HIGH
Mean in mg:	19.96	99.82	199.58
Mean in µl:	20.00	100.05	200.02
% CV:	0.20	0.29	0.20
% Accuracy	100.02	100.05	100.01
Pass/Fail	PASS	PASS	PASS

Target Volume

20	100	200
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ISO 8655 Specifications:		Lower Range	Upper Range	Acc %	CV%
volume	20	18.40	21.60	8.0	3
volume	100	98.40	101.60	1.6	0.6
volume	200	198.40	201.60	0.8	0.3

Calibrated By: Beverly Heiberger

Date: 02-Feb-16

Reviewed By: Nicole Simpson

Date: 3-Feb-16