

PIPETTE INFORMATION

SERIAL #	D12345
SIZE (UL)	200
MANUFACTURER	Gilson
LOCATION	Your City
DEPARTMENT	Your Dept.
CONTACT	Your Contact
LEVEL	Level 4
CALIBRATION DATE	27-Apr-2009
CALIBRATED BY	DAB
CALIBRATION DUE	01-Apr-2010

TOLERANCE LIMITS

VOLUME ul	INACCURACY %	+/- ml	FROM (ml)	TO (ml)	IMPRECISION %
50	3	0.00150	0.04850	0.05150	3
150	3	0.00450	0.14550	0.15450	3
200	3	0.00600	0.19400	0.20600	3

calSierra v1.9.4

ENVIRONMENTAL CONDITIONS

TEMPERATURE IN C	21.11
RELATIVE HUMIDITY IN %	50.00
BAROMETRIC P. IN mmHg	762.00
AIR DENSITY	0.001203043
Z FACTOR	1.002982877

MEASUREMENT & TEST EQUIP. INFO

THERMO-HYGROMETER SERIAL #	ABC123
CALIBRATION DUE	31-Dec-2010
BALANCE ID	Balance
BALANCE MODEL	ABC123
BALANCE SERIAL #	ABCD1234
CALIBRATION DUE	31-Dec-2010
WEIGHT SET SERIAL #	ABC123
CALIBRATION DUE	31-Dec-2010

PARTS REPLACED

SEAL	N/A	Y
O RING	N/A	Y
PISTON	N/A	N
SHAFT	N/A	N
TENSION RING	N/A	N
REPAIR	N/A	N
CALIBRATION ONLY	N/A	N
PREVENTIVE MAINT.	N/A	Y
PRE CAL. STATUS	PASS	
INSTRUMENT STATUS	PASS	

PRE-CALIBRATION DATA

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.05020	0.05035
2	0.05030	0.05045
3	0.05050	0.05065

WEIGHT(g)	VOLUME(ml)
0.19830	0.19889
0.19910	0.19969
0.19780	0.19839

Note:

MEAN VOLUME(ml)	0.05048
SD	0.00015
INACCURACY	0.96694
IMPRECISION	0.30348
ACCURACY	PASS
PRECISION	PASS

0.19899
0.00066
0.50410
0.33052
PASS
PASS

POST-CALIBRATION DATA

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)
1	0.05010	0.05025	0.14880	0.14924	0.19830	0.19889
2	0.05030	0.05045	0.14750	0.14794	0.19910	0.19969
3	0.05020	0.05035	0.14910	0.14954	0.19780	0.19839
4	0.05030	0.05045	0.14820	0.14864	0.19850	0.19909
5	0.05050	0.05065	0.14990	0.15035	0.19890	0.19949
MEAN VOLUME(ml)	0.05043			0.14914		0.19911
SD	0.00015			0.00091		0.00051
INACCURACY	0.85996			0.57096		0.44392
IMPRECISION	0.29500			0.61082		0.25784
ACCURACY	PASS			PASS		PASS
PRECISION	PASS			PASS		PASS

NOTE:

Technician _____

Approved By _____ Date: _____

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