

INSTRUMENT INFORMATION

SERIAL #	A123456B
SIZE (UL)	1000
MANUFACTURER	Gilson
LOCATION	Company name
DEPARTMENT	QA
CONTACT	Smith, J.
RESTRICTION	GMP
CALIBRATION DATE	01-Nov-2010
CALIBRATED BY	PS
CALIBRATION DUE	01-May-2011

ENVIRONMENTAL CONDITIONS

TEMPERATURE IN C	21.11
RELATIVE HUMIDITY IN %	55.50
BAROMETRIC P. IN mmHg	762.00
AIR DENSITY	0.001203036
Z FACTOR	1.002982872

MEASUREMENT & TEST EQUIP. INFO

THERMO-HYGROMETER SERIAL #	90917310
CALIBRATION DUE	30-Nov-2010
BALANCE ID	METTLER
BALANCE MODEL	AG245
BALANCE SERIAL #	1117023184
CALIBRATION DUE	28-Feb-2011
WEIGHT SET SERIAL #	1MN2
CALIBRATION DUE	31-Aug-2012

PARTS REPLACED

SEAL	YES	Y
O RING	N/A	N
PISTON	N/A	N
SHAFT	YES	Y
TENSION RING	N/A	N
REPAIR	N/A	N
CALIBRATION ONLY	N/A	N
PREVENTIVE MAINT.	YES	Y

AS FOUND - STATUS

FAIL

INSTRUMENT STATUS

PASS

TOLERANCE LIMITS

VOLUME ul	INACCURACY %	+/- ml	FROM (ml)	TO (ml)	IMPRECISION %
250	3	0.00750	0.24250	0.25750	3
750	3	0.02250	0.72750	0.77250	3
1000	3	0.03000	0.97000	1.03000	3

calSierra v1.9.8

AS FOUND-CALIBRATION DATA

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.24020	0.24092
2	0.23870	0.23941
3	0.24120	0.24192

WEIGHT(g)	VOLUME(ml)
0.96320	0.96607
0.96120	0.96407
0.96740	0.97029

Note:

MEAN VOLUME(ml)	0.24075
SD	0.00126
INACCURACY	3.70027
IMPRECISION	0.52422
ACCURACY	FAIL
PRECISION	PASS

0.96681
0.00317
3.31914
0.32828
FAIL
PASS

AS LEFT-CALIBRATION DATA

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)
1	0.25120	0.25195	0.74680	0.74903	0.99230	0.99526
2	0.25040	0.25115	0.74560	0.74782	0.99450	0.99747
3	0.25180	0.25255	0.74780	0.75003	0.99120	0.99416
4	0.25070	0.25145	0.74290	0.74512	0.99160	0.99456
5	0.25090	0.25165	0.74630	0.74853	0.99370	0.99666
MEAN VOLUME(ml)	0.25175			0.74810		0.99562
SD	0.00054			0.00185		0.00141
INACCURACY	0.69948			0.25268		0.43790
IMPRECISION	0.21269			0.24783		0.14114
ACCURACY	PASS			PASS		PASS
PRECISION	PASS			PASS		PASS

NOTE:

Technician _____

Approved By _____ Date: 01-Nov-2010

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