

PIPETTE INFORMATION

SERIAL #	F12345
SIZE (UL)	1000
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 %
250	3	0.00750	0.24250	0.25750	3
1000	3	0.03000	0.97000	1.03000	3

PRE-CALIBRATION DATA CHANNEL 1

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.25110	0.25185
2	0.25090	0.25165
3	0.25150	0.25225

STATISTICAL ANALYSIS

WEIGHT(g)	VOLUME(ml)	MEAN (ml)	SD	INACCURACY	IMPRECISION
0.99330	0.99626	0.25192	0.00031	0.76635	0.12163
0.99950	1.00248				
0.99610	0.99907				
STATUS					
		ACCURACY	PASS		
		PRECISION	PASS		

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

PRE-CALIBRATION DATA CHANNEL 2

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.25110	0.25185
2	0.25090	0.25165
3	0.25150	0.25225

STATISTICAL ANALYSIS

WEIGHT(g)	VOLUME(ml)	MEAN (ml)	SD	INACCURACY	IMPRECISION
0.99330	0.99626	0.25192	0.00031	0.76635	0.12163
0.99950	1.00248				
0.99610	0.99907				
STATUS					
		ACCURACY	PASS		
		PRECISION	PASS		

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

PRE-CALIBRATION DATA CHANNEL 3

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.25110	0.25185
2	0.25090	0.25165
3	0.25150	0.25225

STATISTICAL ANALYSIS

WEIGHT(g)	VOLUME(ml)	MEAN (ml)	SD	INACCURACY	IMPRECISION
0.99330	0.99626	0.25192	0.00031	0.76635	0.12163
0.99950	1.00248				
0.99610	0.99907				
STATUS					
		ACCURACY	PASS		
		PRECISION	PASS		

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-CALIBRATION DATA CHANNEL 4

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.25110	0.25185
2	0.25090	0.25165
3	0.25150	0.25225

STATISTICAL ANALYSIS

WEIGHT(g)	VOLUME(ml)	MEAN (ml)	SD	INACCURACY	IMPRECISION
0.99330	0.99626	0.25192	0.00031	0.76635	0.12163
0.99950	1.00248				
0.99610	0.99907				
STATUS					
		ACCURACY	PASS		
		PRECISION	PASS		

PRE CAL. STATUS	PASS
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NOTE:

Technician _____

Approved By _____ Date _____

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CALIBRATION DUE	01-Apr-2010

TOLERANCE LIMITS

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

PRE-CALIBRATION DATA CHANNEL 5

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.25110	0.25185
2	0.25090	0.25165
3	0.25150	0.25225

STATISTICAL ANALYSIS

WEIGHT(g)	VOLUME(ml)	MEAN (ml)	SD	INACCURACY	IMPRECISION
0.99330	0.99626	0.25192	0.00031	0.76635	0.12163
0.99950	1.00248				
0.99610	0.99907				
STATUS					
		ACCURACY	PASS		
		PRECISION	PASS		

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

PRE-CALIBRATION DATA CHANNEL 6

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.25110	0.25185
2	0.25090	0.25165
3	0.25150	0.25225

STATISTICAL ANALYSIS

WEIGHT(g)	VOLUME(ml)	MEAN (ml)	SD	INACCURACY	IMPRECISION
0.99330	0.99626	0.25192	0.00031	0.76635	0.12163
0.99950	1.00248				
0.99610	0.99907				
STATUS					
		ACCURACY	PASS		
		PRECISION	PASS		

MEASUREMENT & TEST EQUIP. INFO

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

PRE-CALIBRATION DATA CHANNEL 7

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.25110	0.25185
2	0.25090	0.25165
3	0.25150	0.25225

STATISTICAL ANALYSIS

WEIGHT(g)	VOLUME(ml)	MEAN (ml)	SD	INACCURACY	IMPRECISION
0.99330	0.99626	0.25192	0.00031	0.76635	0.12163
0.99950	1.00248				
0.99610	0.99907				
STATUS					
		ACCURACY	PASS		
		PRECISION	PASS		

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-CALIBRATION DATA CHANNEL 8

SAMPLE	WEIGHT(g)	VOLUME(ml)
1	0.25110	0.25185
2	0.25090	0.25165
3	0.25150	0.25225

STATISTICAL ANALYSIS

WEIGHT(g)	VOLUME(ml)	MEAN (ml)	SD	INACCURACY	IMPRECISION
0.99330	0.99626	0.25192	0.00031	0.76635	0.12163
0.99950	1.00248				
0.99610	0.99907				
STATUS					
		ACCURACY	PASS		
		PRECISION	PASS		

PRE CAL. STATUS	PASS
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NOTE:

Technician _____

Approved By _____ Date _____

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