

**PIPETTE INFORMATION**

SERIAL #	G12345
SIZE (UL)	5000
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

**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

<b>INSTRUMENT STATUS</b>	<b>PASS</b>
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Technician \_\_\_\_\_  
 Approved By \_\_\_\_\_ Date \_\_\_\_\_

**TOLERANCE LIMITS**

VOLUME ul	INACCURACY %	+/- ml	FROM (ml)	TO (ml)	IMPRECISION %
1250	3	0.03750	1.21250	1.28750	3
3750	3	0.11250	3.63750	3.86250	3
5000	3	0.15000	4.85000	5.15000	3

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**POST-CALIBRATION DATA CHANNEL 1**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 2**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 3**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 4**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**Note:**

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LOCATION	Your City
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LEVEL	Level 4
CALIBRATION DATE	27-Apr-2009
CALIBRATED BY	DAB
CALIBRATION DUE	01-Apr-2010

**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**

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

<b>INSTRUMENT STATUS</b>	<b>PASS</b>
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Technician \_\_\_\_\_  
 Approved By \_\_\_\_\_ Date \_\_\_\_\_

**TOLERANCE LIMITS**

VOLUME ul	INACCURACY %	+/- ml	FROM (ml)	TO (ml)	IMPRECISION %
1250	3	0.03750	1.21250	1.28750	3
3750	3	0.11250	3.63750	3.86250	3
5000	3	0.15000	4.85000	5.15000	3

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**POST-CALIBRATION DATA CHANNEL 5**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 6**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 7**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 8**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

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LEVEL	Level 4
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CALIBRATED BY	DAB
CALIBRATION DUE	01-Apr-2010

**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**

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

<b>INSTRUMENT STATUS</b>	<b>PASS</b>
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Technician \_\_\_\_\_  
 Approved By \_\_\_\_\_ Date \_\_\_\_\_

**TOLERANCE LIMITS**

VOLUME ul	INACCURACY %	+/- ml	FROM (ml)	TO (ml)	IMPRECISION %
1250	3	0.03750	1.21250	1.28750	3
3750	3	0.11250	3.63750	3.86250	3
5000	3	0.15000	4.85000	5.15000	3

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**POST-CALIBRATION DATA CHANNEL 9**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 10**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 11**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

**POST-CALIBRATION DATA CHANNEL 12**

SAMPLE	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	WEIGHT(g)	VOLUME(ml)	MEAN (ml)	1.25485	3.76088	5.00755
1	1.25110	1.25483	3.74990	3.76109	4.99100	5.00589	SD	0.00013	0.00016	0.00361
2	1.25090	1.25463	3.74980	3.76099	4.99110	5.00599	INACCURACY	0.38815	0.29026	0.15105
3	1.25120	1.25493	3.74970	3.76088	4.99100	5.00589	IMPRECISION	0.01042	0.00422	0.07211
4	1.25120	1.25493	3.74960	3.76078	4.99110	5.00599	<b>STATUS</b>			
5	1.25120	1.25493	3.74950	3.76068	4.99910	5.01401	ACCURACY	PASS	PASS	PASS
							PRECISION	PASS	PASS	PASS

**STATISTICAL ANALYSIS**

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