**Calibrate, Inc.**
2520 Stanwell Dr. Suite 100
Concord, CA 94520
ph.800.253.7064 fx.800.238.2268

# CALIBRATION CERTIFICATE



| PIPETTE INFORMATION | |
|---|---|
| SERIAL # | A1234567B |
| SIZE (µl) | 200 |
| MANUFACTURER | Biohit 8 CH |
| LOCATION | CompanyName |
| DEPARTMENT | QA |
| CONTACT | Smith, J. |
| RESTRICTION | GLP |
| CALIBRATION DATE | 01-Nov-2010 |
| CALIBRATED BY | PS |
| CALIBRATION DUE | 01-May-2011 |
| DATA TYPE | AS FOUND |
| **ENVIRONMENTAL CONDITIONS** | |
| TEMPERATURE IN F | 70.00 |
| RELATIVE HUMIDITY IN % | 50.00 |
| BAROMETRIC PRESSURE INCHES | 30.00 |
| AIR DENSITY | 0.0012030425621 |
| Z FACTOR | 1.0029828772 |
| **MEASUREMENT & TEST EQUIP. INFO** | |
| HERMO-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 | NO |
| O RING | NO |
| PISTON | NO |
| SHAFT | NO |
| TENSION RING | NO |
| REPAIR | NO |
| ADJUST CALIBRATION | NO |
| PREVENTIVE MAINT. | NO |

| INSTRUMENT STATUS | FAIL |
|---|---|

Technician:_____

Approved By:_____

Date: 01-Nov-2010

| TOLERANCE LIMITS | | | |
|---|---|---|---|
| VOLUME ul | INACCURACY % | +/- ml | IMPRECISION % |
| 50 | 3.00 | 0.00150 | 3.00 |
| 200 | 3.00 | 0.00600 | 3.00 |

| SERVICE INFORMATION | |
|---|---|
| SOP Followed | Level 6 SOP 125-6 DATA TYPE:AS FOUND |

CDS 2.1.28



**AS FOUND CALIBRATION DATA CHANNEL 1**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|
| 1 | 0.04620 | 0.04634 | 0.16800 | 0.16850 |
| 2 | 0.04510 | 0.04523 | 0.16750 | 0.16800 |
| 3 | 0.04570 | 0.04584 | 0.16270 | 0.16319 |

STATISTICAL ANALYSIS

| | | |
|---|---|---|
| MEAN (ml) | 0.04580 | 0.16656 |
| +/- ml (Guardband) | 0.00039 | 0.00013 |
| INACCURACY % | 8.39423 | 16.71899 |
| IMPRECISION % | 1.20604 | 1.76213 |
| Proc. Uncert.(k=2) | 0.00111 | 0.00587 |
| **CALIBRATION RESULTS** | | |
| ACCURACY | FAIL | FAIL |
| PRECISION | PASS | PASS |
| Within k=2 95% Confidence | NO | NO |

**AS FOUND CALIBRATION DATA CHANNEL 2**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|
| 1 | 0.05010 | 0.05025 | 0.20030 | 0.20090 |
| 2 | 0.04970 | 0.04985 | 0.19940 | 0.19999 |
| 3 | 0.05030 | 0.05045 | 0.20040 | 0.20100 |

STATISTICAL ANALYSIS

| | | |
|---|---|---|
| MEAN (ml) | 0.05018 | 0.20063 |
| +/- ml (Guardband) | 0.00088 | 0.00489 |
| INACCURACY % | 0.36515 | 0.31500 |
| IMPRECISION % | 0.61060 | 0.27533 |
| Proc. Uncert.(k=2) | 0.00062 | 0.00111 |
| **CALIBRATION RESULTS** | | |
| ACCURACY | PASS | PASS |
| PRECISION | PASS | PASS |
| Within k=2 95% Confidence | YES | YES |

**AS FOUND CALIBRATION DATA CHANNEL 3**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|
| 1 | 0.05010 | 0.05025 | 0.20030 | 0.20090 |
| 2 | 0.04970 | 0.04985 | 0.19940 | 0.19999 |
| 3 | 0.05030 | 0.05045 | 0.20040 | 0.20100 |

STATISTICAL ANALYSIS

| | | |
|---|---|---|
| MEAN (ml) | 0.05018 | 0.20063 |
| +/- ml (Guardband) | 0.00088 | 0.00489 |
| INACCURACY % | 0.36515 | 0.31500 |
| IMPRECISION % | 0.61060 | 0.27533 |
| Proc. Uncert.(k=2) | 0.00062 | 0.00111 |
| **CALIBRATION RESULTS** | | |
| ACCURACY | PASS | PASS |
| PRECISION | PASS | PASS |
| Within k=2 95% Confidence | YES | YES |

**AS FOUND CALIBRATION DATA CHANNEL 4**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|
| 1 | 0.04210 | 0.04223 | 0.12450 | 0.12487 |
| 2 | 0.04170 | 0.04182 | 0.12570 | 0.12607 |
| 3 | 0.04250 | 0.04263 | 0.12830 | 0.12868 |

STATISTICAL ANALYSIS

| | | |
|---|---|---|
| MEAN (ml) | 0.04223 | 0.12654 |
| +/- ml (Guardband) | 0.00070 | 0.00210 |
| INACCURACY % | 15.54884 | 36.72850 |
| IMPRECISION % | 0.95012 | 1.53964 |
| Proc. Uncert.(k=2) | 0.00080 | 0.00390 |
| **CALIBRATION RESULTS** | | |
| ACCURACY | FAIL | FAIL |
| PRECISION | PASS | PASS |
| Within k=2 95% Confidence | NO | NO |

**Note:** Channel #1 and #4 are leaking.

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# CALIBRATION CERTIFICATE



| PIPETTE INFORMATION | |
|---|---|
| SERIAL # | A1234567B |
| SIZE (µl) | 200 |
| MANUFACTURER | Biohit 8 CH |
| LOCATION | CompanyName |
| DEPARTMENT | QA |
| CONTACT | Smith, J. |
| RESTRICTION | GLP |
| CALIBRATION DATE | 01-Nov-2010 |
| CALIBRATED BY | PS |
| CALIBRATION DUE | 01-May-2011 |
| DATA TYPE | AS FOUND |
| **ENVIRONMENTAL CONDITIONS** | |
| TEMPERATURE IN F | 70.00 |
| RELATIVE HUMIDITY IN % | 50.00 |
| AROMETRIC PRESSURE INCHES | 30.00 |
| AIR DENSITY | 0.0012030425621 |
| Z FACTOR | 1.0029828772 |
| **MEASUREMENT & TEST EQUIP. INFO** | |
| HERMO-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 | NO |
| O RING | NO |
| PISTON | NO |
| SHAFT | NO |
| TENSION RING | NO |
| REPAIR | NO |
| ADJUST CALIBRATION | NO |
| PREVENTIVE MAINT. | NO |

| INSTRUMENT STATUS | FAIL |
|---|---|

Technician: _____

Approved By: _____

Date: 01-Nov-2010

| TOLERANCE LIMITS | | | |
|---|---|---|---|
| VOLUME ul | INACCURACY % | +/- ml | IMPRECISION % |
| 50 | 3.00 | 0.00150 | 3.00 |
| 200 | 3.00 | 0.00600 | 3.00 |

| SERVICE INFORMATION | |
|---|---|
| SOP Followed | Level 6 SOP 125-6 DATA TYPE:AS FOUND |

CDS 2.1.28

**AS FOUND CALIBRATION DATA CHANNEL 5**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|
| 1 | 0.05010 | 0.05025 | 0.20030 | 0.20090 |
| 2 | 0.04970 | 0.04985 | 0.19940 | 0.19999 |
| 3 | 0.05030 | 0.05045 | 0.20040 | 0.20100 |

| STATISTICAL ANALYSIS | | |
|---|---|---|
| MEAN (ml) | 0.05018 | 0.20063 |
| +/- ml (Guardband) | 0.00088 | 0.00489 |
| INACCURACY % | 0.36515 | 0.31500 |
| IMPRECISION % | 0.61060 | 0.27533 |
| Proc. Uncert.(k=2) | 0.00062 | 0.00111 |
| **CALIBRATION RESULTS** | | |
| ACCURACY | PASS | PASS |
| PRECISION | PASS | PASS |
| Within k=2 95% Confidence | YES | YES |

**AS FOUND CALIBRATION DATA CHANNEL 6**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|
| 1 | 0.05010 | 0.05025 | 0.20030 | 0.20090 |
| 2 | 0.04970 | 0.04985 | 0.19940 | 0.19999 |
| 3 | 0.05030 | 0.05045 | 0.20040 | 0.20100 |

| STATISTICAL ANALYSIS | | |
|---|---|---|
| MEAN (ml) | 0.05018 | 0.20063 |
| +/- ml (Guardband) | 0.00088 | 0.00489 |
| INACCURACY % | 0.36515 | 0.31500 |
| IMPRECISION % | 0.61060 | 0.27533 |
| Proc. Uncert.(k=2) | 0.00062 | 0.00111 |
| **CALIBRATION RESULTS** | | |
| ACCURACY | PASS | PASS |
| PRECISION | PASS | PASS |
| Within k=2 95% Confidence | YES | YES |

**AS FOUND CALIBRATION DATA CHANNEL 7**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|
| 1 | 0.05010 | 0.05025 | 0.20030 | 0.20090 |
| 2 | 0.04970 | 0.04985 | 0.19940 | 0.19999 |
| 3 | 0.05030 | 0.05045 | 0.20040 | 0.20100 |

| STATISTICAL ANALYSIS | | |
|---|---|---|
| MEAN (ml) | 0.05018 | 0.20063 |
| +/- ml (Guardband) | 0.00088 | 0.00489 |
| INACCURACY % | 0.36515 | 0.31500 |
| IMPRECISION % | 0.61060 | 0.27533 |
| Proc. Uncert.(k=2) | 0.00062 | 0.00111 |
| **CALIBRATION RESULTS** | | |
| ACCURACY | PASS | PASS |
| PRECISION | PASS | PASS |
| Within k=2 95% Confidence | YES | YES |

**AS FOUND CALIBRATION DATA CHANNEL 8**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|
| 1 | 0.05010 | 0.05025 | 0.20030 | 0.20090 |
| 2 | 0.04970 | 0.04985 | 0.19940 | 0.19999 |
| 3 | 0.05030 | 0.05045 | 0.20040 | 0.20100 |

| STATISTICAL ANALYSIS | | |
|---|---|---|
| MEAN (ml) | 0.05018 | 0.20063 |
| +/- ml (Guardband) | 0.00088 | 0.00489 |
| INACCURACY % | 0.36515 | 0.31500 |
| IMPRECISION % | 0.61060 | 0.27533 |
| Proc. Uncert.(k=2) | 0.00062 | 0.00111 |
| **CALIBRATION RESULTS** | | |
| ACCURACY | PASS | PASS |
| PRECISION | PASS | PASS |
| Within k=2 95% Confidence | YES | YES |

**Note:** Channel #1 and #4 are leaking.



ACCREDITED
Calibration Laboratory
CERT#2161.01

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# CALIBRATION CERTIFICATE



| PIPETTE INFORMATION | |
|---|---|
| SERIAL # | A1234567B |
| SIZE (µl) | 200 |
| MANUFACTURER | Biohit 8 CH |
| LOCATION | CompanyName |
| DEPARTMENT | QA |
| CONTACT | Smith, J. |
| RESTRICTION | GLP |
| CALIBRATION DATE | 01-Nov-2010 |
| CALIBRATED BY | PS |
| CALIBRATION DUE | 01-May-2011 |
| DATA TYPE | AS LEFT |
| **ENVIRONMENTAL CONDITIONS** | |
| TEMPERATURE IN F | 70.00 |
| RELATIVE HUMIDITY IN % | 50.00 |
| BAROMETRIC PRESSURE INCHES | 30.00 |
| AIR DENSITY | 0.0012030425621 |
| Z FACTOR | 1.0029828772 |
| **MEASUREMENT & TEST EQUIP. INFO** | |
| HERMO-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 | NO |
| O RING | NO |
| PISTON | NO |
| SHAFT | NO |
| TENSION RING | NO |
| REPAIR | YES |
| ADJUST CALIBRATION | YES |
| PREVENTIVE MAINT. | YES |

| INSTRUMENT STATUS | PASS |
|---|---|

Technician:_____

Approved By:_____

Date: 01-Nov-2010

| TOLERANCE LIMITS | | | |
|---|---|---|---|
| VOLUME ul | INACCURACY % | +/- ml | IMPRECISION % |
| 50 | 3.00 | 0.00150 | 3.00 |
| 150 | 3.00 | 0.00450 | 3.00 |
| 200 | 3.00 | 0.00600 | 3.00 |

| SERVICE INFORMATION | |
|---|---|
| SOP Followed | Level 6 SOP 125-6 DATA TYPE: AS LEFT |

CDS 2.1.28



**AS LEFT CALIBRATION DATA CHANNEL 1**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|---|---|
| 1 | 0.05020 | 0.05035 | 0.15020 | 0.15065 | 0.20050 | 0.20110 |
| 2 | 0.04980 | 0.04995 | 0.14970 | 0.15015 | 0.20110 | 0.20170 |
| 3 | 0.05010 | 0.05025 | 0.15050 | 0.15095 | 0.20060 | 0.20120 |

| STATISTICAL ANALYSIS | | | |
|---|---|---|---|
| MEAN (ml) | 0.05018 | 0.15058 | 0.20133 |
| +/- ml (Guardband) | 0.00108 | 0.00369 | 0.00535 |
| INACCURACY % | 0.36515 | 0.38744 | 0.66605 |
| IMPRECISION % | 0.41606 | 0.26919 | 0.16014 |
| Proc. Uncert.(k=2) | 0.00042 | 0.00081 | 0.00065 |
| **CALIBRATION RESULTS** | | | |
| ACCURACY | PASS | PASS | PASS |
| PRECISION | PASS | PASS | PASS |
| Within k=2 95% Confidence | YES | YES | YES |

**AS LEFT CALIBRATION DATA CHANNEL 2**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|---|---|
| 1 | 0.05020 | 0.05035 | 0.15020 | 0.15065 | 0.20050 | 0.20110 |
| 2 | 0.04980 | 0.04995 | 0.14970 | 0.15015 | 0.20110 | 0.20170 |
| 3 | 0.05010 | 0.05025 | 0.15050 | 0.15095 | 0.20060 | 0.20120 |

| STATISTICAL ANALYSIS | | | |
|---|---|---|---|
| MEAN (ml) | 0.05018 | 0.15058 | 0.20133 |
| +/- ml (Guardband) | 0.00108 | 0.00369 | 0.00535 |
| INACCURACY % | 0.36515 | 0.38744 | 0.66605 |
| IMPRECISION % | 0.41606 | 0.26919 | 0.16014 |
| Proc. Uncert.(k=2) | 0.00042 | 0.00081 | 0.00065 |
| **CALIBRATION RESULTS** | | | |
| ACCURACY | PASS | PASS | PASS |
| PRECISION | PASS | PASS | PASS |
| Within k=2 95% Confidence | YES | YES | YES |

**AS LEFT CALIBRATION DATA CHANNEL 3**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|---|---|
| 1 | 0.05020 | 0.05035 | 0.15020 | 0.15065 | 0.20050 | 0.20110 |
| 2 | 0.04980 | 0.04995 | 0.14970 | 0.15015 | 0.20110 | 0.20170 |
| 3 | 0.05010 | 0.05025 | 0.15050 | 0.15095 | 0.20060 | 0.20120 |

| STATISTICAL ANALYSIS | | | |
|---|---|---|---|
| MEAN (ml) | 0.05018 | 0.15058 | 0.20133 |
| +/- ml (Guardband) | 0.00108 | 0.00369 | 0.00535 |
| INACCURACY % | 0.36515 | 0.38744 | 0.66605 |
| IMPRECISION % | 0.41606 | 0.26919 | 0.16014 |
| Proc. Uncert.(k=2) | 0.00042 | 0.00081 | 0.00065 |
| **CALIBRATION RESULTS** | | | |
| ACCURACY | PASS | PASS | PASS |
| PRECISION | PASS | PASS | PASS |
| Within k=2 95% Confidence | YES | YES | YES |

**AS LEFT CALIBRATION DATA CHANNEL 4**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|---|---|
| 1 | 0.05020 | 0.05035 | 0.15020 | 0.15065 | 0.20050 | 0.20110 |
| 2 | 0.04980 | 0.04995 | 0.14970 | 0.15015 | 0.20110 | 0.20170 |
| 3 | 0.05010 | 0.05025 | 0.15050 | 0.15095 | 0.20060 | 0.20120 |

| STATISTICAL ANALYSIS | | | |
|---|---|---|---|
| MEAN (ml) | 0.05018 | 0.15058 | 0.20133 |
| +/- ml (Guardband) | 0.00108 | 0.00369 | 0.00535 |
| INACCURACY % | 0.36515 | 0.38744 | 0.66605 |
| IMPRECISION % | 0.41606 | 0.26919 | 0.16014 |
| Proc. Uncert.(k=2) | 0.00042 | 0.00081 | 0.00065 |
| **CALIBRATION RESULTS** | | | |
| ACCURACY | PASS | PASS | PASS |
| PRECISION | PASS | PASS | PASS |
| Within k=2 95% Confidence | YES | YES | YES |

**Note:** Channel #1 and #4 repaired.

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# CALIBRATION CERTIFICATE



| PIPETTE INFORMATION | |
|---|---|
| SERIAL # | A1234567B |
| SIZE (µl) | 200 |
| MANUFACTURER | Biohit 8 CH |
| LOCATION | CompanyName |
| DEPARTMENT | QA |
| CONTACT | Smith, J. |
| RESTRICTION | GLP |
| CALIBRATION DATE | 01-Nov-2010 |
| CALIBRATED BY | PS |
| CALIBRATION DUE | 01-May-2011 |
| DATA TYPE | AS LEFT |
| **ENVIRONMENTAL CONDITIONS** | |
| TEMPERATURE IN F | 70.00 |
| RELATIVE HUMIDITY IN % | 50.00 |
| AROMETRIC PRESSURE INCHES | 30.00 |
| AIR DENSITY | 0.0012030425621 |
| Z FACTOR | 1.0029828772 |
| **MEASUREMENT & TEST EQUIP. INFO** | |
| HERMO-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 | NO |
| O RING | NO |
| PISTON | NO |
| SHAFT | NO |
| TENSION RING | NO |
| REPAIR | YES |
| ADJUST CALIBRATION | YES |
| PREVENTIVE MAINT. | YES |

| INSTRUMENT STATUS | PASS |
|---|---|

Technician: _____

Approved By: _____

Date: 01-Nov-2010

| TOLERANCE LIMITS | | | |
|---|---|---|---|
| VOLUME ul | INACCURACY % | +/- ml | IMPRECISION % |
| 50 | 3.00 | 0.00150 | 3.00 |
| 150 | 3.00 | 0.00450 | 3.00 |
| 200 | 3.00 | 0.00600 | 3.00 |

| SERVICE INFORMATION | |
|---|---|
| SOP Followed | Level 6 SOP 125-6 DATA TYPE: AS LEFT |

CDS 2.1.28



**AS LEFT CALIBRATION DATA CHANNEL 5**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|---|---|
| 1 | 0.05020 | 0.05035 | 0.15020 | 0.15065 | 0.20050 | 0.20110 |
| 2 | 0.04980 | 0.04995 | 0.14970 | 0.15015 | 0.20110 | 0.20170 |
| 3 | 0.05010 | 0.05025 | 0.15050 | 0.15095 | 0.20060 | 0.20120 |

STATISTICAL ANALYSIS

| | | | |
|---|---|---|---|
| MEAN (ml) | 0.05018 | 0.15058 | 0.20133 |
| +/- ml (Guardband) | 0.00108 | 0.00369 | 0.00535 |
| INACCURACY % | 0.36515 | 0.38744 | 0.66605 |
| IMPRECISION % | 0.41606 | 0.26919 | 0.16014 |
| Proc. Uncert.(k=2) | 0.00042 | 0.00081 | 0.00065 |
| **CALIBRATION RESULTS** | | | |
| ACCURACY | PASS | PASS | PASS |
| PRECISION | PASS | PASS | PASS |
| Within k=2 95% Confidence | YES | YES | YES |

**AS LEFT CALIBRATION DATA CHANNEL 6**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|---|---|
| 1 | 0.05020 | 0.05035 | 0.15020 | 0.15065 | 0.20050 | 0.20110 |
| 2 | 0.04980 | 0.04995 | 0.14970 | 0.15015 | 0.20110 | 0.20170 |
| 3 | 0.05010 | 0.05025 | 0.15050 | 0.15095 | 0.20060 | 0.20120 |

STATISTICAL ANALYSIS

| | | | |
|---|---|---|---|
| MEAN (ml) | 0.05018 | 0.15058 | 0.20133 |
| +/- ml (Guardband) | 0.00108 | 0.00369 | 0.00535 |
| INACCURACY % | 0.36515 | 0.38744 | 0.66605 |
| IMPRECISION % | 0.41606 | 0.26919 | 0.16014 |
| Proc. Uncert.(k=2) | 0.00042 | 0.00081 | 0.00065 |
| **CALIBRATION RESULTS** | | | |
| ACCURACY | PASS | PASS | PASS |
| PRECISION | PASS | PASS | PASS |
| Within k=2 95% Confidence | YES | YES | YES |

**AS LEFT CALIBRATION DATA CHANNEL 7**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|---|---|
| 1 | 0.05020 | 0.05035 | 0.15020 | 0.15065 | 0.20050 | 0.20110 |
| 2 | 0.04980 | 0.04995 | 0.14970 | 0.15015 | 0.20110 | 0.20170 |
| 3 | 0.05010 | 0.05025 | 0.15050 | 0.15095 | 0.20060 | 0.20120 |

STATISTICAL ANALYSIS

| | | | |
|---|---|---|---|
| MEAN (ml) | 0.05018 | 0.15058 | 0.20133 |
| +/- ml (Guardband) | 0.00108 | 0.00369 | 0.00535 |
| INACCURACY % | 0.36515 | 0.38744 | 0.66605 |
| IMPRECISION % | 0.41606 | 0.26919 | 0.16014 |
| Proc. Uncert.(k=2) | 0.00042 | 0.00081 | 0.00065 |
| **CALIBRATION RESULTS** | | | |
| ACCURACY | PASS | PASS | PASS |
| PRECISION | PASS | PASS | PASS |
| Within k=2 95% Confidence | YES | YES | YES |

**AS LEFT CALIBRATION DATA CHANNEL 8**

| SAMPLE | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) | WEIGHT(g) | VOLUME(ml) |
|---|---|---|---|---|---|---|
| 1 | 0.05020 | 0.05035 | 0.15020 | 0.15065 | 0.20050 | 0.20110 |
| 2 | 0.04980 | 0.04995 | 0.14970 | 0.15015 | 0.20110 | 0.20170 |
| 3 | 0.05010 | 0.05025 | 0.15050 | 0.15095 | 0.20060 | 0.20120 |

STATISTICAL ANALYSIS

| | | | |
|---|---|---|---|
| MEAN (ml) | 0.05018 | 0.15058 | 0.20133 |
| +/- ml (Guardband) | 0.00108 | 0.00369 | 0.00535 |
| INACCURACY % | 0.36515 | 0.38744 | 0.66605 |
| IMPRECISION % | 0.41606 | 0.26919 | 0.16014 |
| Proc. Uncert.(k=2) | 0.00042 | 0.00081 | 0.00065 |
| **CALIBRATION RESULTS** | | | |
| ACCURACY | PASS | PASS | PASS |
| PRECISION | PASS | PASS | PASS |
| Within k=2 95% Confidence | YES | YES | YES |

**Note:** Channel #1 and #4 repaired.