# ROUTINE PERFORMANCE CHECK REPORT

**DataMaster DMT:** 102506
**Location:** Lamoille County SO
**Calibration Date:** 01/19/2012
**Certification Date:** 01/19/2012
**Installation Date:** 01/26/2012
**RPC Date:** 06/12/2012
**Supervisor Name:** ANDREW E PLANTE

## Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.2
Questions: 2.0

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube    = 47.5°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.71 V
Cooler Voltage = 1.74 V
Bias Voltage   = 80 V
Chopper Freq   = 530 Hz

PUMP INFO
Flow Rate = 5.269 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.4341    0.4360
MIN(V)   0.4325    0.4344

FILTER INFO
Filter 1   0.435  Zero = true
Filter 2   0.985  Zero = true
Filter 3   1.746  Zero = true

CALIBRATION CHECK
Xq  = 0.083  2.48%
```

## Accuracy and Precision Check

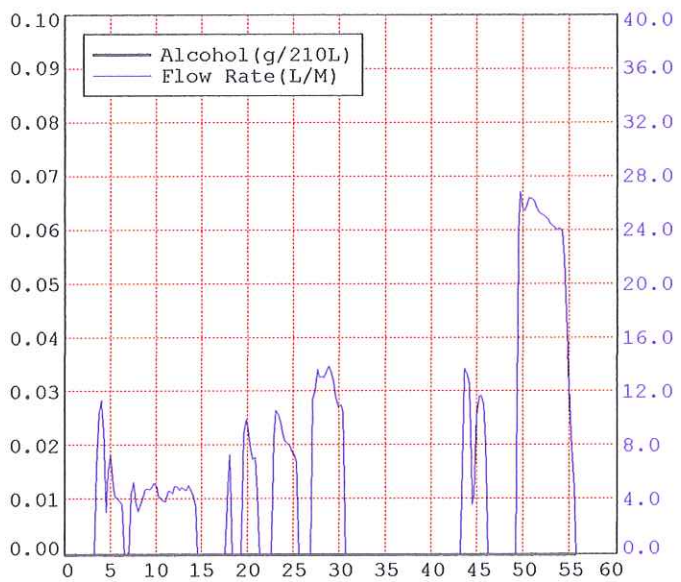
| | |
|---|---|
| Concentration | = 0.100 g/210L |
| Lot # | = 12-70-100 |
| Range | = 0.095 - 0.105 |
| Average | = 0.101 g/210L |
| Std Dev | = 0.0000 |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed




**Routine Performance Check Passed**

**Performed by** Andrew Plante **Date** 06/12/2012

**Reviewed by** [signature] **Date** 6/14/12

[signature] 6/18/2012