# ROUTINE PERFORMANCE CHECK REPORT

**DataMaster DMT:** 101708
**Location:** Royalton VSP
**Calibration Date:** 09/08/2011
**Certification Date:** 09/08/2011
**Installation Date:** 04/25/2013
**RPC Date:** 09/23/2013
**Supervisor Name:** STEVEN C STEARNS

## Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube    = 48.1°C
Digital Sim    = 34.1°C

SETTINGS
Lamp Voltage   = 1.80 V
Cooler Voltage = 1.81 V
Bias Voltage   = 80 V
Chopper Freq   = 542 Hz

PUMP INFO
Flow Rate = 5.923 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.0470    0.0490
MIN(V)   0.0455    0.0480

FILTER INFO
Filter 1   0.048   Zero = true
Filter 2   0.654   Zero = true
Filter 3   0.802   Zero = true

CALIBRATION CHECK
Xq  = 0.086  1.43%
```

**Routine Performance Check Passed**

## Accuracy and Precision Check

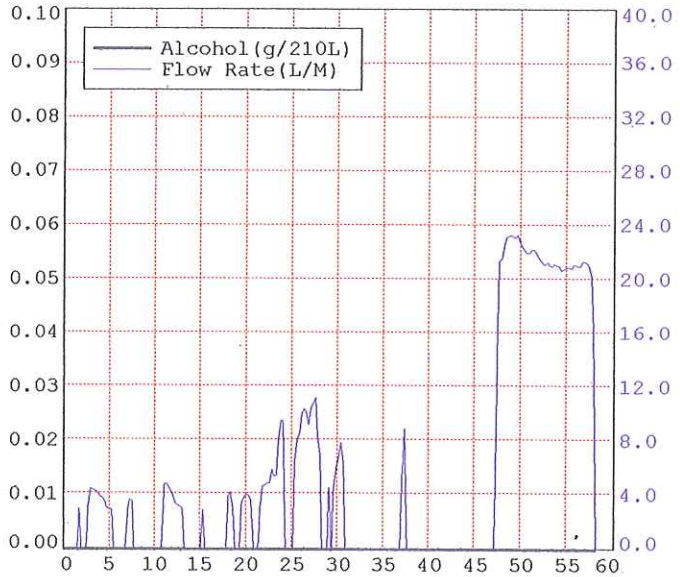
| | |
|---|---|
| Concentration | = 0.100 g/210L |
| Lot # | = 13-13-100 |
| Range | = 0.095 - 0.105 |
| Average | = 0.102 g/210L |
| Std Dev | = 0.0000 |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed




Performed by Steven C Stearns  Date 09/23/2013

Reviewed by  Date 9/26/13

9/26/2013