

# ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 100145  
Location: Brighton pd  
Calibration Date: 08/30/2011  
Certification Date: 08/30/2011  
Installation Date: 09/09/2011  
RPC Date: 01/31/2013  
Supervisor Name: JEFFERY M NOYES

## Diagnostic Results

### VERSIONS

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

### TEMPERATURES

Sample Chamber = 48.7°C  
Breath Tube = 47.1°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.63 V  
Cooler Voltage = 1.52 V  
Bias Voltage = 80 V  
Chopper Freq = 538 Hz

### PUMP INFO

Flow Rate = 5.283 L/M

### DETECTOR INFO

|         |         |         |
|---------|---------|---------|
| PUMP    | ON      | OFF     |
| MAX (V) | -0.0878 | -0.0829 |
| MIN (V) | -0.0896 | -0.0846 |

### FILTER INFO

|          |        |             |
|----------|--------|-------------|
| Filter 1 | -0.084 | Zero = true |
| Filter 2 | 0.513  | Zero = true |
| Filter 3 | 1.409  | Zero = true |

### CALIBRATION CHECK

Xq = 0.124 0.00%

## Accuracy and Precision Check

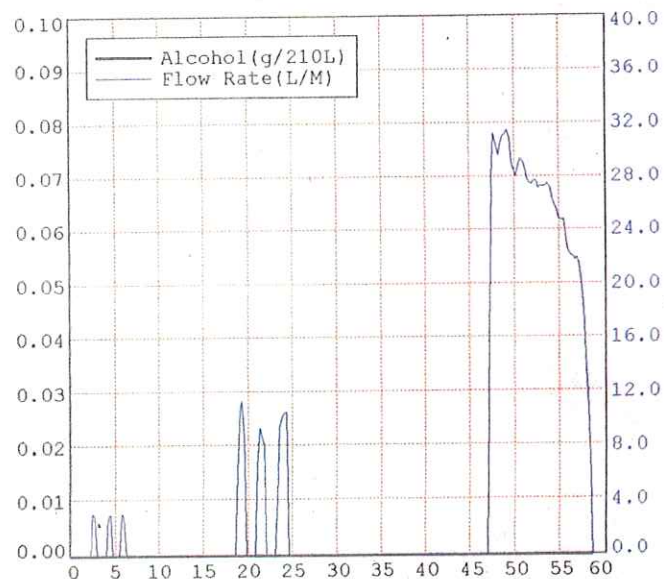
|               |                 |
|---------------|-----------------|
| Concentration | = 0.101 g/210L  |
| Lot #         | = 12-87-100     |
| Range         | = 0.096 - 0.106 |
| Average       | = 0.098 g/210L  |
| Std Dev       | = 0.0000        |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Routine Performance Check Passed

Performed by

*Jeffery M Noyes*

Date

01/31/2013

Reviewed by

*[Signature]*

Date

6/4/13

DMT Serial Number #100145

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6/4/2013