

# CDO5492



# GUTH LABORATORIES, INC.

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## 12V500 QUALITY CONTROL FORM

### INSTRUMENT INFORMATION

Serial Number: MP2207

Simultor Voltage: 12 VDC

Temperature Tolerance: 34.00 ± .05 °C

### CALIBRATION INFORMATION

Date Calibrated: 07/08/2014

Mean Temp.: 34.004 °C

Minimum Temp.: 34.002 °C

Maximum Temp.: 34.006 °C

### **Simulator temperature results were found to be within the specified tolerance.**

*Calibration Procedure performed was, Guth Laboratories, Inc. - Procedure 03.*

*Temperature readings were obtained by direct measurement of simulator solution using the following system. Fluke/Hart Scientific model 1524 thermometer readout, serial number 1554092, and GE Sensing model AS125 thermistor standard, serial number 3360. This system was calibrated on August 15, 2013 by Hart Scientific, report number B3814001. This test equipment is on a one year calibration interval and is traceable to NIST through an unbroken chain of comparisons.*

*Our best measurement capabilities are +/- .007 from 20 to 40°C with a measurement uncertainty(k=2) of 1.5 mK.*

*Laboratory Environmental Conditions: Temperature: 22 °C ± 2 °C      Relative Humidity: Between 40% and 60%*

### **The following items have been carefully checked prior to packaging:**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Inlet Tube, Heater, and Probe Positioned Properly | <input checked="" type="checkbox"/> Heater Control Circuit (Solution)  |
| <input checked="" type="checkbox"/> Dispersion Tube Attached, Positioned Properly     | <input checked="" type="checkbox"/> Heater Control Circuit (Headspace) |
| <input checked="" type="checkbox"/> Baffle Plate Attached                             | <input checked="" type="checkbox"/> Agitator and Motor                 |
| <input checked="" type="checkbox"/> Jar: A) Roundness B) Threads C) Flatness          | <input checked="" type="checkbox"/> Communication Checked              |
| <input checked="" type="checkbox"/> Male SureLoc                                      | <input checked="" type="checkbox"/> Pressure and Vacuum Tested         |
| <input checked="" type="checkbox"/> Female SureLoc                                    | <input checked="" type="checkbox"/> LCD Display and Filter             |
| <input checked="" type="checkbox"/> Face Plate and Rear Serial Plate Attached         | <input checked="" type="checkbox"/> Calibration                        |
| <input checked="" type="checkbox"/> AC/DC Power Supply                                |  |
| <input checked="" type="checkbox"/> AC Power Cord                                     |  |
| <input checked="" type="checkbox"/> Appearance and Finish                             |  |

REMARKS: \_\_\_\_\_

Calibrated By: Carlos Torres

Date: 07-08-2014

Inspected By: Christine Benner

Date: 07-09-2014