



AS IV Serial no: 097417  
Version no: 532B

TEST RECORD 00179 s/

Temp Date Time 210L  
Air Blank: 03/02/20 18:31 .000  
Calibration Check: 25 03/02/20 18:31 .103

Subject Name  
Sergeant Kavanaugh  
Subject I.D.  
Maint. Check

Operator Name, I.D.  
Test 1

Location  
City of Warrenton  
Police Department

AS IV Serial no: 097417  
Version no: 532B

TEST RECORD 00180 s/

Temp Date Time 210L  
Air Blank: 03/02/20 18:33 .000  
Calibration Check: 26 03/02/20 18:33 .103

Subject Name  
Test #2  
Subject I.D.  
Maint. Report

Operator Name, I.D.  
Sergeant Kavanaugh

Location  
City of Warrenton  
Police Department

AS IV Serial no: 097417  
Version no: 532B

TEST RECORD 00181 s/

Temp Date Time 210L  
Air Blank: 03/02/20 18:36 .000  
Calibration Check: 26 03/02/20 18:36 .103

Subject Name  
Test #3  
Subject I.D.  
Maint. Report

Operator Name, I.D.  
Sergeant Kavanaugh

Location  
City of Warrenton  
Police Department

AS IV Serial no: 097417  
Version no: 532B

TEST RECORD 00182 s/

Temp Date Time 210L  
Air Blank: 03/02/20 18:38 .000  
Calibration Check: 26 03/02/20 18:38 .103

Subject Name  
Test #4 RFI  
Subject I.D.  
Maint. Check

Operator Name, I.D.  
Sergeant Kavanaugh

Location  
City of Warrenton  
Police Department

AS IV Serial no: 097417  
Version no: 532B  
TEST RECORD 00183 s/

Temp Date Time 210L

Air Blank: 03/02/20 18:41 .000  
Subject Test: Auto 27 03/02/20 18:41 .000

Subject Name  
Test #5 (Self-Test)

Subject I.D.  
Maint. Check

Operator Name, I.D.  
Sergeant Kavanaugh

Location  
City of Warrenton  
Police Department



# SIMULATOR CERTIFICATION REPORT

## SIMULATOR INFORMATION

**Simulator Serial Number:** MP3585      **Manufacturer:** Guth  
**Model Number:** 12V500  
**Agency:** WARRENTON PD  
**Agency Address:** 200 W BOONESLICK ROAD., WARRENTON, MO 63383

## NIST THERMOMETER INFORMATION

**Serial Number:** 17KMM00689      **Bias:** 0.00  
**Uncertainty:** 0.02  
**Date of Certification:** 1/23/2020      **Date of Expiration:** 1/23/2021

## ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

## VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
34.00	34.01	.03

The combined uncertainty is calculated with a k=2 value.

## ADJUSTMENT RESULTS

No adjustment was needed.

**Date of testing:** 2/12/2020  
**Certification Expiration:** 2/12/2021  
**Simulator testing technician:** S. GARY

**Notes on Condition:** none

**Deviation(s) from method:** none

**DHSS BAP Scientist Approving:** B. LUTMER  
**Certification No:** MP3585\_2122020

X *Brian Lutmer*

DHSS BAP Scientist Approving



## GUTH LABORATORIES, INC.

590 NORTH 57th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-5470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 19341 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on November 20, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1211% (w/vol) ethyl alcohol. The expiration date for this lot number is November 18, 2021 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

***NIST Traceability:***

*Testing was conducted using Cerilliant Reference Standard lot number FN04271602 whose values are traceable to NIST.*

*All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.*



STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM



**PERMIT**  
**TYPE II**

**MICHAEL KAVANAUGH**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 608.111 through 608.119 RSMo.

DATE 3/1/2019

DIRECTOR OF STATE FIELD HEALTH LABORATORY

NUMBER 298052

EXPIRES 3/1/2021

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MD-680777 (8-10)

LAS-09-10

STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

**INSTRUMENT OPERATOR CARD**

The named operator is authorized to operate an certified breath alcohol instrument for the determination of the alcoholic content in breath from of expired air in Missouri.

Operator **KAVANAUGH, MICHAEL**  
Permit No **298052**  
Date Issued **3/1/2019** Date Expires **3/1/2021**