



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

**RECEIVED**

By Tracy Crews at 8:59 am, Nov 16, 2023

**INTOX DMT MAINTENANCE REPORT**

REPORT #1

Complete this report at the time of the regular monthly preventive maintenance check (not to exceed 35 days).  
 Complete this report whenever the instrument is serviced or repaired and whenever it is placed into service.  
 Retain the original and send a copy within 15 days to the Breath Alcohol Program, DHSS.

INTOX DMT SN 500257	NAME OF AGENCY St. James Police Dept	DATE OF INSPECTION 11/14/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 200 N. Bourbeuse Street, St. James, MO 65559		TIME OF INSPECTION 09:33:38

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or is operating within established limits. (Write in observed values where determined). Unmarked items must be corrected before using instrument.

**DIAGNOSTIC RECORD**

DATE AND TIME <u>11/14/2023 09:33:41</u>	<input checked="" type="checkbox"/> DETECTOR
<input checked="" type="checkbox"/> PROGRAM	<input checked="" type="checkbox"/> FILTER 1
<input checked="" type="checkbox"/> SAMPLE CHAMBER <u>48.7°C</u>	<input checked="" type="checkbox"/> FILTER 2
<input checked="" type="checkbox"/> BREATH TUBE <u>42.5°C</u>	<input checked="" type="checkbox"/> FILTER 3
<input checked="" type="checkbox"/> PUMP	<input checked="" type="checkbox"/> INTERNAL STANDARD

**BREATH ANALYZER ACCURACY STANDARDS**

SIMULATOR STANDARD       COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER GUTH      LOT # 23180      EXP. DATE 05/17/2025

SIMULATOR TEMP (34°C ± 0.2°C) 34.0      SIM. SN MP2927      SIM. NIST EXP DATE 10/05/2024

**CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)**  
 Run three tests using a standard. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Mark the box corresponding to the standard being used.

0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE

0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE

0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE

TEST 1: <b>0.100</b>	TEST 2: <b>0.099</b>	TEST 3: <b>0.100</b>
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**PERFORM R.F.I. TEST**

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:

REFUSALS: <b>0</b>	0-.04: <b>0</b>	.05-.09: <b>1</b>	.10-.14: <b>1</b>	.15-.19: <b>1</b>	OVER .19: <b>0</b>
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LIST ANY NEW PARTS AND DESCRIBE ANY ALTERATION OR MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WITHIN ESTABLISHED LIMITS (USE OTHER SIDE IF NECESSARY)

THIS INSTRUMENT CONFORMS TO DHSS STANDARDS.

**INSPECTING OFFICER**

SIGNATURE 	PRINT FULL NAME <b>CHRIS W PIGG</b>	
TYPE II PERMIT NUMBER <b>220090</b>	EXPIRATION DATE <b>03/16/2024</b>	TELEPHONE NUMBER <b>573-265-7012</b>

RETURN COMPLETED REPORT TO THE Breath Alcohol Program, Missouri Department of Health and Senior Services by mail, fax, or email



## GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23180** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1220%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 17, 2025** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L  $\pm$  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 FN11172002 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.*



**Missouri Department of Health and Senior Services**

P.O. Box 570, Jefferson City, MO 65102- 7 Ph ne: 73-7 1-64 FAX: 73-7 1-6 1  
RELAY MISS URI f r H a i g a d Sp ch Imp d 1-8 -73 -29 V CE 1-8 -73 -2466



Paula Nickelson  
Acting Director

Michael L. Parson  
Governor

# SIMULATOR CERTIFICATION REPORT

## SIMULATOR INFORMATION

**Simulator Serial Number:** MP2927      **Manufacturer:** Guth  
**Model Number:** 12V500  
**Agency:** ST JAMES PD  
**Agency Address:** 200 N BOURBEUSE ST, ST JAMES, MO 65559

## NIST THERMOMETER INFORMATION

**Serial Number:** 17KMM00689      **Bias:** 0.00  
**Uncertainty:** 0.02  
**Date of Certification:** 1/23/2023      **Date of Expiration:** 1/23/2024

## 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>
34.01	34.00	.03

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

## ADJUSTMENT RESULTS

No adjustment was needed.

**Date of testing:** 10/5/2023  
**Certification Expiration:** 10/5/2024  
**Simulator testing technician:** R. SCHILDKNECHT

**Notes on Condition:** none  
**Deviation(s) from method:** none

**DHSS BAP Scientist Approving:** BRIANNA MEDRANO  
**Certification No:** MP2927\_1052023

**X** *Brianna Medrano*

DHSS BAP Scientist Approving

Simulator Calibration Ce tification  
Issued by Lab Manager, DHSS BAP  
R s Da : 06/25/2022

B eath Alcohol P g am  
1903 N t w d Driv , Suit 4  
pla Bluff, MO 3901

DHSS BAP D cum t 3.6A  
R vis 2  
g 1 f 1



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

2

**PERMIT**  
**TYPE II**  
**CHRISTOPHER PIGG**

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

**INTOX DMT**

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 306.111 through 306.119 RSMo.

DATE **3/16/2022**

NUMBER **220090**

EXPIRES **3/16/2024**

MO 580-0771 (6-10)

*[Signature]*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula F. Nielsen*  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB 4 (R6 10)