



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
 BREATH ALCOHOL PROGRAM  
**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<br><b>500007</b>   | NAME OF AGENCY<br><b>St Louis County Intake</b> | DATE OF INSPECTION<br><b>03/04/2023</b> |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br><b>100 S. Central, Clayton MO</b> |   | TIME OF INSPECTION<br><b>16:14:50</b>   |

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>03/04/2023 16:14:52</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>48.1°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 # 22430      EXP. DATE 11/30/2024

SIMULATOR TEMP (34°C ± 0.2°C) 34.0      SIM. SN SD2773      SIM. NIST EXP DATE 05/19/2023

**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: 0.100      TEST 2: 0.100      TEST 3: 0.101

**PERFORM R.F.I. TEST**

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

|             |          |            |            |            |             |
|-------------|----------|------------|------------|------------|-------------|
| REFUSALS: 0 | 0-.04: 0 | .05-.09: 0 | .10-.14: 0 | .15-.19: 0 | OVER .19: 1 |
|-------------|----------|------------|------------|------------|-------------|

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)

no deviation

**INSPECTING OFFICER**

|  |  |
|--|--|
| SIGNATURE<br><i>C Warden 1101</i>      | PRINT FULL NAME<br><b>CHARLES A WARDIN</b> |
| TYPE II PERMIT NUMBER<br><b>220291</b> | EXPIRATION DATE<br><b>12/27/2024</b>       |
|  | TELEPHONE NUMBER<br><b>314-615-7101</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 **22430** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 1, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **November 30, 2024** 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 FN03052002 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 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010  
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466

**Paula Nickelson**  
 Acting Director



**Michael L. Parson**  
 Governor

# SIMULATOR CERTIFICATION REPORT

## SIMULATOR INFORMATION

**Simulator Serial Number:** SD2773      **Manufacturer:** Guth  
**Model Number:** 10-4D  
**Agency:** ST LOUIS CO DEPT OF JUSTICE SVCS  
**Agency Address:** 7900 FORSYTH BLVD RM B-10 CLAYTON, MO 63105

## NIST THERMOMETER INFORMATION

**Serial Number:** 17KMM00690      **Bias:** 0.01  
**Uncertainty:** 0.02  
**Date of Certification:** 11/10/2021      **Date of Expiration:** 11/10/2022

## 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                    | 33.99               | .03                         |

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

## ADJUSTMENT RESULTS

No adjustment was needed.

**Date of testing:** 5/19/2022  
**Certification Expiration:** 5/19/2023  
**Simulator testing technician:** R. SCHILDKNECHT

**Notes on Condition:** none

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

**DHSS BAP Scientist Approving:** BRIANNA MEDRANO

**Certification No:** SD2773\_5192022

X

DHSS BAP Scientist Approving



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

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**PERMIT**  
**TYPE II**  
**CHARLES A. WARDIN**

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 12/27/2022

NUMBER 220291

EXPIRES 12/27/2024

*Mike Massum*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula J. Nickelson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

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

**INSTRUMENT OPERATOR CARD**

*The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.*

**Operator** WARDIN, CHARLES  
**Permit No** 220291  
**Date Issued** 12/27/2022 **Date Expires** 12/27/2024

