

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00093 s/

Temp Date Time 210L

Air Blank: 02/12/25 18:00 .000
Calibration Check: 22 02/12/25 18:00 .100

Subject Name

Test 1

Subject I.D.

Shane Olmsted

Operator Name, I.D.

230237

Location

HPD BAT Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00094 s/

Temp Date Time 210L

Air Blank: 02/12/25 18:02 .000
Calibration Check: 23 02/12/25 18:02 .100

Subject Name

Test 2

Subject I.D.

Shane Olmsted

Operator Name, I.D.

230237

Location

HPD BAT Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00095 s/

Temp Date Time 210L

Air Blank: 02/12/25 18:05 .000
Calibration Check: 24 02/12/25 18:05 .100

Subject Name

Test 3

Subject I.D.

Shane Olmsted

Operator Name, I.D.

230237

Location

HPD BAT Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00096 s/

Temp Date Time 210L

UOID: RFI
12 02/12/25 18:06

Subject Name

RFI Test

Subject I.D.

Shane Olmsted

Operator Name, I.D.

230237

Location

HPD BAT Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00097 s/

Temp Date Time 210L

Air Blank: 02/12/25 18:10 .000
Subject Test: Auto
25 02/12/25 18:10 .000

Subject Name

self test
Shane Olmsted

Subject I.D. 230237

HPD BAT Van



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 **23390** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1207%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 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 FN03072301 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: MP6029 **Manufacturer:** Guth
Model Number: 12V500
Agency: HAZELWOOD PD
Agency Address: 415 ELM GROVE LANE, HAZELWOOD, MO 63042

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00690 **Bias:** 0.00
Uncertainty: 0.02
Date of Certification: 10/27/2023 **Date of Expiration:** 10/27/2024

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	34.01	.02

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 8/2/2024
Certification Expiration: 8/2/2025
Simulator testing technician: M. BOND

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: BRIANNA MEDRANO
Certification No: MP6029_822024

X *Brianna Medrano*

DHSS BAP Scientist Approving



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



PERMIT
TYPE II
SHANE J. OLMSTED

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, INTOX EC/IR II

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 10/31/2023

NUMBER 230237

EXPIRES 10/31/2025

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dave L. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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 OLMSTED, SHANE
 Permit No 230237
 Date Issued 10/31/2023 Date Expires 10/31/2025

