

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00933

Temp Date Time ^{s/} 210L

Air Blank:
04/29/22 12:50 .000
Calibration Check:
23 04/29/22 12:50 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00934

Temp Date Time ^{s/} 210L

Air Blank:
04/29/22 12:53 .000
Calibration Check:
24 04/29/22 12:53 .103

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00935

Temp Date Time ^{s/} 210L

Air Blank:
04/29/22 12:54 .000
Calibration Check:
24 04/29/22 12:54 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00936

Temp Date Time ^{s/} 210L

VOID: RFI
12 04/29/22 12:56

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111732
Version no: 532B

TEST RECORD 00933

Temp Date Time ^{s/} 210L

Air Blank:
04/29/22 12:50 .000
Calibration Check:
23 04/29/22 12:50 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111732
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TEST RECORD 00934

Temp Date Time ^{s/} 210L

Air Blank:
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Subject Name

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Air Blank:
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Version no: 532B

TEST RECORD 00936

Temp Date Time ^{s/} 210L

VOID: RFI
12 04/29/22 12:56

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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 **21380** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 15, 2021**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 13, 2023** 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.



SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP6024 **Manufacturer:** Guth
Model Number: 12V500
Agency: CRANE PD
Agency Address: 120 N COMMERCE, CRANE, MO 65633

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00690 **Bias:** 0.00
Uncertainty: 0.02
Date of Certification: 11/6/2020 **Date of Expiration:** 11/6/2021

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	34.00	.02

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

ADJUSTMENT RESULTS

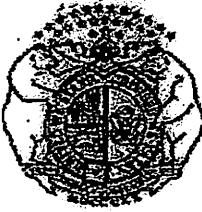
No adjustment was needed.

Date of testing: 8/31/2021
Certification Expiration: 8/31/2022
Simulator testing technician: M. BOND

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER
Certification No: MP6024_8312021



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 TIMMSEN, WILLIAM

Permit No 210213

Date Issued 9/14/2021 **Date Expires** 9/14/2023

