



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 111778	NAME OF AGENCY Oak Grove Police Department	DATE OF INSPECTION 11/23/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 2110 S Broadway, Oak Grove, MO 64075	TIME OF INSPECTION 11:09 pm
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CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth</u>	LOT # <u>22310</u> EXP. DATE <u>08/12/2024</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIM. SN <u>SD2734</u> SIM. NIST EXP DATE <u>09/06/2023</u>

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

- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 <input checked="" type="checkbox"/> .100	TEST 2 <input checked="" type="checkbox"/> .100	TEST 3 <input checked="" type="checkbox"/> .100
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RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).
 Date and time adjustment for DST

INSPECTING OFFICER

SIGNATURE ▶	PRINT NAME Sgt. Brandon S. Grote #0001
TYPE II PERMIT NUMBER/EXPIRATION DATE 200238 09-26-2024	TELEPHONE NUMBER (816) 690-3773

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

HW Serial no: 111773
Revision no: 532B

BEST RECORD 00429

Date Time 2:52

Air Blank:
11/24/22 23:20 .999

Calibration Check:
11/24/22 23:20 .100

Project Name
Test #2

Product I.D.
Grote 0001

Generator Name, I.D.
200238 9/26/24

Location
2110 S. Broadway

HW Serial no: 111773
Revision no: 532B

BEST RECORD 00430

Date Time 2:56

Air Blank:
11/24/22 23:21 .999

Calibration Check:
11/24/22 23:21 .100

Project Name
Test 3

Product I.D.
Grote 0001

Generator Name, I.D.
200238 9/26/24

Location
2110 S. Broadway

HW Serial no: 111773
Revision no: 532B

BEST RECORD 00431

Date Time 2:51

Air Blank:
11/24/22 23:23 .999

Project Name
RFI Test

Product I.D.
Grote 0001

Generator Name, I.D.
200238 9/26/24

Location
2110 S Broadway

HW Serial no: 111773
Revision no: 532B

BEST RECORD 00428

Date Time 2:52

Air Blank:
11/24/22 23:19 .999

Calibration Check:
11/24/22 23:19 .100

Project Name
Test 1

Product I.D.
Grote 0001

Generator Name, I.D.
200238 9/26/24

Location
2110 S. Broadway



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

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PERMIT
TYPE II
BRANDON GROTE

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 306.111 through 306.119 RSMo.

DATE 9/26/2022

NUMBER 220238

EXPIRES 9/26/2024

Mike Magnum

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nielsen

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 GROTE, BRANDON
Permit No 220238
Date Issued 9/26/2022 **Date Expires** 9/26/2024





GUTH LABORATORIES, INC.

690 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 **22310** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 16, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1205%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 11, 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.