

**RECEIVED**

By Tracy Crews at 3:17 pm, Jun 28, 2021

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 097413	NAME OF AGENCY CALVERTON PARK	DATE OF INSPECTION 06/24/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 52 YOUNG DRIVE, CALVERTON PARK MO 63135		TIME OF INSPECTION 11:45 am

**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** SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE STANDARD SUPPLIER GUTH LABPRATORIES LOT # 20190 EXP. DATE 04/06/2022 SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIM. SN SD3327 SIM. NIST EXP DATE 09/04/2021 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 .102

TEST 2 .103

TEST 3 .101

 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

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).

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

LOWELL MOORE

TYPE II PERMIT NUMBER/EXPIRATION DATE

210072 04/06/2023

TELEPHONE NUMBER

(314) 524-1212

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

AS IV Serial no: 097413  
Version no: 532B

TEST RECORD 00427

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
06/24/21 11:45 .000  
Calibration Check:  
19 06/24/21 11:45 .102

Subject Name

Test 1

Subject I.D.

L. Moore 210072  
Operator Name, I.D.

Location

Sd Young

AS IV Serial no: 097413  
Version no: 532B

TEST RECORD 00428

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
06/24/21 11:46 .000  
Calibration Check:  
19 06/24/21 11:46 .103

Subject Name

Test 2

Subject I.D.

L. Moore 210072  
Operator Name, I.D.

Location

Sd Young

AS IV Serial no: 097413  
Version no: 532B

TEST RECORD 00429

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
06/24/21 11:49 .000  
Calibration Check:  
20 06/24/21 11:49 .101

Subject Name

Test 3

Subject I.D.

L. Moore 210072  
Operator Name, I.D.

Location

Sd Young

AS IV Serial no: 097413  
Version no: 532B

TEST RECORD 00430

Temp Date Time <sup>s/</sup> 210L

VOID: RFI  
12 06/24/21 11:52

Subject Name

RFI

Subject I.D.

L. Moore 210072  
Operator Name, I.D.

Location

Sd Young



**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 20190 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on April 8, 2020, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is April 6, 2022 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 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 FN02271802 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.



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

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**PERMIT**  
**TYPE II**  
**LOWELL MOORE**

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 4/6/2021  
 NUMBER 210072  
 EXPIRES 4/6/2023

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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 MOORE, LOWELL  
 Permit No 210072  
 Date Issued 4/6/2021 Date Expires 4/6/2023