



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

RECEIVED
By Tracy Crews at 9:42 am, Nov 09, 2020

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 099361	PRINTER SN 097.3584.336	DATE OF INSPECTION 11/07/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 106 S. Folger St, Carrollton		TIME OF INSPECTION 6:07 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 Labs LOT # 20190 EXP. DATE 04/06/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.01 SIMULATOR SN MP3879 SIMULATOR EXP DATE 07/20/2021

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 → .103	TEST 2 → .102	TEST 3 → .102
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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).

Adjusted time for Time Change

INSPECTING OFFICER	
SIGNATURE <i>Brian C. Woods</i>	PRINT NAME Brian C. Woods
TYPE II PERMIT NUMBER/EXPIRATION DATE 200226 08/13/2022	TELEPHONE NUMBER (660) 542-2200

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



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 **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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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 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.

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00736

Temp Date Time ^{a/} 210L

Air Blank:
11/07/20 06:07 .000
Calibration Check:
22 11/07/20 06:07 .103

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.
B.C. Woods, 782
Location

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00737

Temp Date Time ^{a/} 210L

Air Blank:
11/07/20 06:09 .000
Calibration Check:
22 11/07/20 06:09 .102

Subject Name
Test #2
Subject I.D.

Operator Name, I.D.
B.C. Woods, 782
Location

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00738

Temp Date Time ^{a/} 210L

Air Blank:
11/07/20 06:11 .000
Calibration Check:
23 11/07/20 06:11 .102

Subject Name
Test #3
Subject I.D.

Operator Name, I.D.
B.C. Woods, 782
Location

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00739

Temp Date Time ^{a/} 210L

VOID: RFI
12 11/07/20 06:13

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
B.C. Woods, 782
Location

AS IV Serial no: 099361
Version no: 532B

TEST RECORD 00740

Temp Date Time ^{a/} 210L

Air Blank:
11/07/20 06:14 .000
Subject Test: Auto
24 11/07/20 06:14 .000

Subject Name
Blank Test
Subject I.D.

Operator Name, I.D.
B.C. Woods, 782
Location