



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

RECEIVED

By Carol Day at 1:26 pm, May 26, 2016

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 108268	PRINTER SN 099.3586.791	DATE OF INSPECTION 5-26-2016
LOCATION OF INSTRUMENT (STREET AND CITY) 1781 Zumbach Rd, St. Charles, Mo. 63303		TIME OF INSPECTION 1017 hrs

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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)	OK
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)	OK
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY	OK
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY	OK

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER Guth Laboratories LOT # 15120 EXP. DATE 4-29-2017	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN 502248 SIMULATOR EXP DATE 1/4/2017	

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)

<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.078% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 099	TEST 2 099	TEST 3 098
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RFI DETECTOR OPERATING **OK**

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

REFUSALS	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	2	(OVER .19)	2
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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).

INSPECTING OFFICER

SIGNATURE P.O. Daniel Allen 196	PRINT NAME P.O. Daniel Allen 196
TYPE II PERMIT NUMBER/EXPIRATION DATE 250018 1-20-2017	FOUR-DIGIT NUMBER (636) 949-3300

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.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 4, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 29, 2017** 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 $0.100 \text{ g}/210\text{L} \pm 3\%$.

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 FN08051301 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: 108268
Version no: 532B

TEST RECORD 00232

Temp Date Time ^{9/} 210L

Air Blank:
05/26/16 10:17 .000
Calibration Check:
19 05/26/16 10:17 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Allen 196

Location

1781 Zumbach

St. Charles, Mo.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00234

Temp Date Time ^{9/} 210L

Air Blank:
05/26/16 10:20 .000
Calibration Check:
20 05/26/16 10:20 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Allen 196

Location

1781 Zumbach

St. Charles, Mo.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00233

Temp Date Time ^{9/} 210L

Air Blank:
05/26/16 10:19 .000
Calibration Check:
19 05/26/16 10:19 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Allen 196

Location

1781 Zumbach

St. Charles, Mo.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00235

Temp Date Time ^{9/} 210L

VOID: RFI
12 05/26/16 10:22

Subject Name

Subject I.D.

Operator Name, I.D.

Allen 196

Location

1781 Zumbach

St. Charles, Mo.