

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

RECEIVED
 By Tracy Crews at 9:37 am, Oct 06, 2023

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 11650	NAME OF AGENCY Bourbon PD	DATE OF INSPECTION 10-5-23
LOCATION OF INSTRUMENT (STREET AND CITY) 423 N. Old Hwy 66 Bourbon		TIME OF INSPECTION 3:34 pm

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 Guth	LOT # 22430 EXP. DATE 11-30-24
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99	SIM. SN MP3573 SIM. NIST EXP DATE 8-8-24

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 .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).

INSPECTING OFFICER	
SIGNATURE [Signature]	PRINT NAME Michael Centuro
TYPE II PERMIT NUMBER/EXPIRATION DATE 220115 / 4-29-24	TELEPHONE NUMBER (573) 732-4838

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: 111650
Version no: 532B

TEST RECORD 00331

Temp	Date	Time	%
		210L	
Air Blank:			
	10/05/23	15:34	.000
Calibration Check:			
	28	10/05/23	15:34 .102

Subject Name

Blank 1C

Subject I.D.

Test 1

Operator Name, I.D.

Cardenas / 220115

Location

425 N. Old Hwy 66

Burbank

AS IV Serial no: 111650
Version no: 532B

TEST RECORD 00332

Temp	Date	Time	%
		210L	
Air Blank:			
	10/05/23	15:36	.000
Calibration Check:			
	24	10/05/23	15:36 .102

Subject Name

Blank K

Subject I.D.

Test 2

Operator Name, I.D.

Cardenas / 220115

Location

425 N. Old Hwy 66

Burbank

AS IV Serial no: 111650
Version no: 532B

TEST RECORD 00333

Temp	Date	Time	%
		210L	
Air Blank:			
	10/05/23	15:38	.000
Calibration Check:			
	24	10/05/23	15:38 .102

Subject Name

Blank 1C

Subject I.D.

Test 3

Operator Name, I.D.

Cardenas / 220115

Location

425 N. Old Hwy 66

Burbank

AS IV Serial no: 111650
Version no: 532B

TEST RECORD 00334

Temp	Date	Time	%
		210L	
Air Blank:			
	10/05/23	15:39	.000
Calibration Check:			
	12	10/05/23	15:39

Subject Name

Blank 1C

Subject I.D.

RFT

Operator Name, I.D.

Cardenas / 220115

Location

425 N. Old Hwy 66

Burbank



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 **22430** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 1, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **November 30, 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.



314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

**CERTIFICATE OF ANALYSIS
ALCOHOL REFERENCE SOLUTION FOR SIMULATOR**

Lot No: 22430 Exp. Date: 11/30/2024

This Alcohol Reference for Simulator was received on 12/6/2022 and tested on a Gas Chromatograph by Jacob vanBeusichem according to the standard procedure Alcohol Reference Solution-1, and found to contain 0.1210 % \leq 0.00070 (wt/vol) Ethyl Alcohol. The Alcohol and water used in this solution were free of test interfering substances.

A contemporaneous record has been kept in the regular and normal course of business for the date of testing, material tested, test conducted, individuals conducting the testing and the results.

Laboratory Reference: 221206023 Rev01

QA Manager:

A handwritten signature in cursive script, appearing to read "Chris Hess", is written above a horizontal line.

Christopher Hess

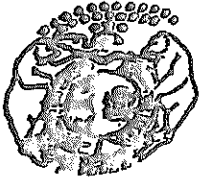
Laboratory Director:

A handwritten signature in cursive script, appearing to read "Tara Daniels", is written above a horizontal line.

Tara Daniels

Report Date:

1/24/2023



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

2

PERMIT
TYPE II

MICHAEL S. CENTUNZI

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 306.110 RSMo.

DATE AD9/2022

F. Anna G. Nag
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 220115

David J. Nielsen
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES AD9/2024

MS-1 (1-16)

MS-1 (1-16)

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

INSTRUMENT OPERATOR CARD

The Alcolac 4000 Series A instrument is used to assess an individual's breath alcohol instrument for the determination of the alcohol content in breath from a sample of expired air.

By name: **CENTUNZI, MICHAEL**
Permit No: **220115**
Date issued: **AD9/2022** Exp. Date: **AD9/2024**

