

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE STANDARD SUPPLIER Guth Laboratories LOT # 23390 EXP. DATE 10/17/2025 SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD1615 SIM. NIST EXP DATE 05/21/2025 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. (PRINTOUTA TTACHED) O .100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE 0 .080% STANDARD - MUST READ BETWEEN 0.095% and 0.084% INCLUSIVE 0 .080% STANDARD - MUST READ BETWEEN 0.036% and 0.084% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 1 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 2 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 2 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 2 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 3 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 3 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 4 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 4 COLON STANDARD - MUST READ BETWEEN 0.036% and 0.042% INCLUSIVE 4 COLON STAND	*AFTECE> *							
111647 Normandy PD 09/23/20/24 IDAG OF SITRUMENT (STREET AND CTTY) TOO Natural Bridge Road Normandy, MO 63121 CHECKLIST: Place a mark in the box yeach litem if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked litems 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 Gulft Laboratories □ LOT # 23390 EXP. DATE 10/17/2025 SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD1615 SIM. NIST EXP DATE 05/21/2025 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 45% of the standard value and must have a spread of ,005 or less. Check the box corresponding to the standard solution being used. (PRINTDUT ATTACHED) 0.040% STANDARD - MUST READ BETWEEN 0.075% and 0.084% INCLUSIVE 0.040% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and 0.084% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.05% INCLUSIVE 1.050% STANDARD - MUST READ BETWEEN 0.035% and	Complete this report in c Send copy to Departmen	duplicate at the time nt of Health and Se	e of the regular monthly nior Services; retain orig	preventative mainter inal in department file	nance check, and whene	ever instrument is repaired.		
T700 Natural Bridge Road Normandy, MO 63121 G:07 pm CHECKLEST Piece a mark in the box by seach time 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 BREATH ALCOHOL ACCURACY STANDARDS SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE STANDARD SUPPLIER Guth Laboratories LOT # 23390 EXP. DATE 10/17/2025 SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR TEMPERATURE (34°C ± 0.2°C) 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) 0.080% STANDARD — MUST READ BETWEEN 0.057% and 0.054% INCLUSIVE 0.040% STANDARD — MUST READ BETWEEN 0.037% and 0.058% INCLUSIVE TEST 1 ▼ 0.101 TEST 2 ▼ 0.101 TEST 2 ▼ 0.101 TEST 3 ▼ 0.102 REFI 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) (0.6-09) (10-14) (15-19) (OVER .19) LIST 19 PAINT MAKE PRINT MAKE PRI	1				I I			
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 ■ SIMULATOR SOLUTION □ COMPRESSED ETHANOL-GAS MIXTURE □ STANDARD SUPPLIER Guth Laboratories LOT # 23390 EXP. DATE 10/17/2025 □ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD1615 SIM. NIST EXP DATE 05/21/2025 □ 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 0.095% and 0.042% INCLUSIVE □ 0.040% STANDARD - MUST READ BETWEEN 0.035% and 0.042% INCLUSIVE TEST 1 ▼ 0.101 TEST 2 ▼ 0.101 TEST 3 ▼ 0.102 □ REI DETECTOR OPERATING INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS) REFUSALS INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS) REFUSALS INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS) REFUSALS INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS) REFUSALS INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS) REFUSALS RE	LOCATION OF INSTRUMENT 7700 Natural Bridge R	(STREET AND CITY) Road Normandy, N	лО 63121		TIME OF	INSPECTION		
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240121 05/29/2026 (630) 427-7321 Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.								
by mail, fax, or email.								
0.500.4054 (7.40)		t to the: Breath A by mail,	lcohol Program, MO Derfax, or email.	partment of Health ar	d Senior Services, Sou	theast District Office		

AS IV Serial no: 111647 Version no: 532B

TEST RECORD 00477

Temp Date Time 210L

Air Blank: 09/23/24 17:07 .000 Calibration Check: 21 09/23/24 17:07 .101

Subject Name ில+ ஈி

Subject I.B. Maintenance

Operator Name: I.D.

Location 7700 Natural Bridge Rol

Normandy, Me 63Dr

AS IV Serial no: 111647 Version no: 532B

TEST RECORD 00478

Temp Date Time 210L

Air Blank: 09/23/24 17:11 .000 Calibration Check: 22 09/23/24 17:11 .101

Subject Name

Test #2

Subject I.B. Maintenance

Operator Name, I.D.
Ryan Mack, 24021

Location 7700 Natural Bridge Rd.

Normandy, MO 63121

AS IV Serial no: 111647 Version no: 532B

TEST RECORD 00479

Temp Date Time 210L

Air Blank: 09/23/24 17:15 .000 Calibration Check: 22 09/23/24 17:15 .102

Subject Name

Test #3

Subject I.D. Maintenance

Operator Name, I.D. Ryan Mack / 240121

Location

- 7.700 Natural Bridge Rd.

Normandy, Mo 63121

AS IV Serial no: 111647 Version no: 532B

TEST RECORD 00480

Temp Date Time 210L

VOID: RFI 12 09/23/24 17:18

Subject Name RFI Test

Subject I.D.

Maintenance

Operator Name, I.D.
Ryan Mack 1240121

Location

7700 Natural Briolyc Ra

Normandy, MO 63121



CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 23390 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2023, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1207% (w/vol) ethyl alcohol. The expiration date for this lot number is October 17, 2025 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 FN03072301 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



PERMIT TYPE II

RYAN MACK

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

DATE5/29/2024	Mike Massur			
DATE	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY	-		
NUMBER 240121				

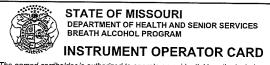
EXPIRES 5/29/2026

MO 580-0771 (6-10)

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

Daves J. Michelson

LAB-4 (R6-10)



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 MACK, RYAN Permit No 240121

Date Issued 5/29/2024 Date Expires 5/29/2026

