

## MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

# RECEIVED By Tracy Crews at 9:26 am, Feb 24, 2025

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

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Complete this report in duplicate at the time of t Send copy to Department of Health and Senior				whenever instrument is repaire		
ALCO SENSOR IV SN 111649	NAME OF AGENCY Missouri State Hi	ghway Patrol		DATE OF INSPECTION 02/21/2025		
LOCATION OF INSTRUMENT (STREET AND CITY) MSHP Troop D Service Center - 5182 Sout	th Grand Avenue, C	arthage, MO 6483		TIME OF INSPECTION 7:45 pm		
CHECKLIST: Place a mark in the box by each ite	m if found to be satisf	actory or if operating	within established	d limits. (Write in observed value		
where determined.) Unmarked items must be co						
DIGITAL READOUT (ALL ELEMENTS OPE	ERATIONAL)					
✓ TEMPERATURE OF ALCO SENSOR (10°C	C - 40°C)	- Name - American - Am				
☑ PRINTER WORKING PROPERLY						
☑ TIME AND DATE DISPLAYING PROPERLY	1		=			
BREATH ALCOHOL ACCURACY STANDARDS	S					
✓ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE						
✓ STANDARD SUPPLIER Guth Laboratorie	es, Inc. Lo	OT # 23390	EXP. DATE 1	10/17/2025		
✓ SIMULATOR TEMPERATURE (34°C ± 0.2°		л. SNMP215	0 SIM. NI	ST EXP DATE 12/04/2025		
CALIBRATION CHECK – (ONLY ONE STAN Run three tests using a standard solution. A less. Check the box corresponding to the stan 0.100% STANDARD - MUST READ BE 0.080% STANDARD - MUST READ BE 0.040% STANDARD - MUST READ BE	All three tests must be andard solution being ETWEEN 0.095% and ETWEEN 0.076% and	e within ±5% of the s used. (PRINTOUT A I 0.105% INCLUSIVE I 0.084% INCLUSIVE	standard value an ATTACHED) E E	d must have a spread of .005		
TEST 1 <b>▼</b> 0.098	ST 2 • 0.098		TEST 3 <b>▼</b> 0.09	99		
☑ RFI DETECTOR OPERATING						
INDICATE THE NUMBER OF BREATH TESTS	IN THE EOLI OWING	RANGES SINCE	THE LAST MAIN	TENANCE REPORT:		
(DO NOT INCLUDE SELF-ADMINISTERED TE				TEMANOE HEI OHII		
REFUSALS 0 (004) 0 (	(.0509) 0	(.1014) 1	(.1519)	0 (OVER .19) 1		
List any new parts and describe any alteration	or modification that w	as made to restore	the instrument to	operate satisfactorily and with		
established limits (use other side if necessary).						
N/A						
INSPECTING OFFICER						
SIGNATURE			Tristan M. Roy	vster		
TYPE II PERMIT NUMBER/EXPIRATION DATE			TELEPHONE NUMBER			
240071 03/25/2026			(417) 895-686			
Return completed report to the: Breath Alcol		partment of Health a	nd Senior Service	es, Southeast District Office		

AS TO	Serial	ë	111649
Jersia	ou uc	532B	

Jersion no: 532B TEST RECORD 00849 Semp Date Time 210L

Air Blank: 02/21/25 19:51 .000 Calibration Check: 22 02/21/25 19:51 .008

Subject Name

ACC

Subject I.D.

N/A Operator Name, I.D. T. M. Royster #957

5182 S. GAMUD AVE.

CARTHAGE, MO 64836

AS IV Serial no: 111649 Version no: 532B

AS IV Serial no: 111649 Version no: 532B

TEST RECORD 00851

TEST RECORD 00850 S/ Temp Date Time 2101

Air Blank: 02/21/25 19:54 .000 Calibration Check: 23 02/21/25 19:54 .098

Subject Name

Acc 2

Subject I.D.

N/A Operator Name, I.D.

T.M. ROYSTER #957

Subject I.D.

W

Acc

T.M. Royster #957 Location S182 S. GRAND AVE CALTHAGE, MO 144836

CARTHARE, NO 64836

5182 S. GRAND AVE.

Operator Name, I.D. T.M. Roystel #957

Location

AS IV Serial no: 111649 Version no: 532B

TEST RECORD 00852

Time 218L

Temp Date

Air Blank:

Temr Date Time 210L

Subject Name

12 02/21/25 19:59

02/21/25 19:56 .000 Calibration Check: 23 02/21/25 19:56 .099

Subject Name

RFI TEST

Subject I.D.

4/2

Operator Name, I.D. T.M.Royster #957

Location

5182 S. GRAND AVE.

CARTHAGE, MO 64836



#### 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

## TRISTAN M. ROYSTER

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 DMT

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections

DATE 3/25/2024

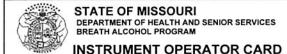
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

EXPIRES 3/25/2026

DIRECTOR OF DEPARTMENT OF HEALTH AND SERVICES

MO 580-0771 (6-10)

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 al in Missouri.

Operator ROYSTER, TRISTAN

Permit No 240071

Date Issued 3/25/2024 Date Expires 3/25/2026

