



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

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 111666	NAME OF AGENCY MISSOURI STATE PARK RANGERS	DATE OF INSPECTION 10/31/2022
LOCATION OF INSTRUMENT (STREET AND CITY) LAKE OF THE OZARKS STATE PARK KAISER MO		TIME OF INSPECTION 11:13 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 LABORATORIES LOT # 21190 EXP. DATE 06/08/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIM. SN MP4945 SIM. NIST EXP DATE 08/16/2023

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 → 0.101	TEST 2 → 0.101	TEST 3 → 0.101
----------------	----------------	----------------

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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
----------	---------	-----------	-----------	-----------	------------

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 	PRINT NAME ELEANORE FERREL
TYPE II PERMIT NUMBER/EXPIRATION DATE 210156	TELEPHONE NUMBER (417) 204-2067

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AG 1U Serial no: 111666
Version no: 5328

TEST RECORD 00226

Temp Date Time 2101

Air Blank: 10/31/22 11:19 .080
Calibration Check: 19 10/31/22 11:19 .101

Subject Name

TEST 1

Subject I.D.

TEST 2

Operator Name, I.D.

FERREL 2056

Location

KAISER MD

AG 1U Serial no: 111666
Version no: 5328

TEST RECORD 00227

Temp Date Time 2101

Air Blank: 10/31/22 11:21 .089
Calibration Check: 19 10/31/22 11:21 .101

Subject Name

TEST 2

Subject I.D.

TEST 2

Operator Name, I.D.

FERREL 21056

Location

KAISER MD

AG 1U Serial no: 111666
Version no: 5328

TEST RECORD 00228

Temp Date Time 2101

Air Blank: 10/31/22 11:22 .080
Calibration Check: 20 10/31/22 11:22 .101

Subject Name

TEST 3

Subject I.D.

TEST 3

Operator Name, I.D.

FERREL 21056

Location

KAISER MD

AG 1U Serial no: 111666
Version no: 5328

TEST RECORD 00229

Temp Date Time 2102

NOISE: 12 00/31/22 11:23

Subject Name

RADIO 2

Subject I.D.

RADIO 2

Operator Name, I.D.

FERREL 21056

Location

KAISER MD



GUTH LABORATORIES, INC.

590 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 21190 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on June 9, 2021, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N903020, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is June 8, 2023 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 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.