

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

RECEIVED
By Tracy Crews at 10:59 am, Jul 31, 2023

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 //13/9	Predmont P.D.	DATE OF INSPECTION 07-22-2023				
LOCATION OF INSTRUMENT (STREET AND CITY) TIME OF INSPECTION 1317 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 C	DPERATIONAL)					
✓ TEMPERATURE OF ALCO SENSOR (1	0°C - 40°C)					
PRINTER WORKING PROPERLY						
TIME AND DATE DISPLAYING PROPE	RLY					
BREATH ALCOHOL ACCURACY STANDA	RDS					
SIMULATOR SOLUTION	☐ COMPRESSE	ED ETHANOL-GAS MIXTURE				
X STANDARD SUPPLIER ACS	tот# <i><u>3</u>03213</i> (3_ EXP. DATE <u>/3-6-362</u> 4				
SIMULATOR TEMPERATURE (34°C ± 6	0.2°C) 34.0 C SIM. SN SD2257	SIM. NIST EXP DATE 12-13-23				
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 . IOO	TEST 2 . OGG	TEST 3 098				
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 (004) (.0509) (.1014) (.1519) (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						
TYPE II PERMIT NUMBER/EXPIRATION DATE 220272/12-21-2024	npbell	Shown Campbell TELEPHONE NUMBER 573-223: 4300				
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: 111319
Version no: 5328

TEST RECORD 00473

Sy
Temp Date Time 2101

Air Blank: 07/22/23 13:17 .000
Subject Test: Man 21 87/22/23 13:17 .100

Subject Name
Test

Subject I.D.

One
Operator Name, I.D.

Compbell 220272
Location

Illo W. Green

Predmont Mo 63957

 AS IV Serial no: 111319
Version no: 5328

TEST RECORD 60476

Temp Bate Time 210L

Air Blanks
27/22/23 13:21 .800

Subject Name
Test

Three

Campbell 230372

IILE W. GREEN

Predmont Mo 63957

S IV Serial no: 111319	ST STOOKE 68477	and Days Time 2191.	2 97/22/23 13:23	RFT	TEST	ampbell agona	16 W. GREEN	redmont Mo 63957
),- : f					(3	=	57.6



Alcohol Countermeasure Systems Corp 60 International Bouleva'd Toronto, Ontario M9W 6J2 CANADA acs-corp.com

Reference Material Certificate of Analysis

Product identification: Alcohol Reference Solution (ARS)

CRM: Ethanol in aqueous solution

Reference concentration: 1.2100 g/L

Analytical concentration: 1.2128 g/L

Batch size: 2267 bottles

Lot number: 202212B

Date of production: 2022.12.06 (yyyy.mm.dd)

This certificate covers the production, analysis and certification of the Certified Reference Material (CRM) manufactured by Alcohol Countermeasure Systems Corp (ACS), located at 60 International Boulevard, Toronto, ON M9W 6J2 CANADA.

This metrology laboratory is accredited in accordance with international standards ISO/IEC 17025:2017 for competence of testing and calibration laboratories, and ISO/IEC 17034:2016 for the competence of reference material producers, demonstrating technical competence within the defined scope and the operation of a laboratory quality management system.

The analysis for certification of each lot of ARS is conducted within ACS forensic laboratory by an independent chemist using the direct injection, flame ionization gas chromatographic procedure coupled with the internal standard technique commensurate with forensic alcohol analysis.

This certificate is valid only for the ARS lot number identified above and does not extend to any other production lot of alcohol reference solution.

This certificate may only be reproduced in full.





For and on behalf of the company, ALCOHOL COUNTERMEASURE SYSTEMS CORP.

Felix JE Comeau, B.Sc (Honours) Laboratory Director

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STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



PERMIT TYPE II

SHAUN CAMPBELL

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 def	termination of the alcoholic content of blood from a sa	imple of expired air. Permit issued under the provisions of section
577.020 tl	hrough 577.041, RSMo and 306.111 through 306.119	9 RSMo.
DATE	12/21/2022	Mike Massur
DAIL	A. A. A. L. A. V. A.	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
NUMBER	220272	
EXPIRES	12/21/2024	Davla J. Nichelson
		DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
MO 580-0771 (6-	10)	LAB-4 (R6-10