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By Tracy Crews at 2:49 pm, Dec 22, 2020



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
CMI INTOXILYZER 8000 MAINTENANCE REPORT

REPORT #2

Complete this report in duplicate at the time of the regular monthly preventive maintenance check, and whenever instrument is repaired. Send one copy to Department of Health and Senior Services, and retain one copy in department file.

INSTRUMENT SERIAL NUMBER 80-005845	LOCATION OF INSTRUMENT KANSAS CITY PD	DATE OF INSPECTION 12/06/2020	TIME OF INSPECTION 04:17
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CALIBRATION CHECK RESULTS			CALIBRATION CHECK SUMMARY		
Test	g/210L	Time	STANDARD TYPE	STANDARD LOT #	STANDARD EXPIRATION DATE
Air Blank	0.000	04:18	DRY	14020080A2	07/05/2022
Cal Check	0.080	04:18	SIM TEMPERATURE	SIM SERIAL NUMBER	SIM CERTIFICATE EXPIRATION
Air Blank	0.000	04:19	N/A	N/A	N/A
Cal Check	0.080	04:19	STANDARD VALUE	STANDARD SUPPLIER	
Air Blank	0.000	04:20	0.080	CMI	
Cal Check	0.081	04:20	CALIBRATION CHECK RESULT 1		
Air Blank	0.000	04:21	0.080		
Pass			CALIBRATION CHECK RESULT 2		
			0.080		
			CALIBRATION CHECK RESULT 3		
			0.081		
			MAXIMUM DEVIATION (MUST BE WITHIN 5%)		SPREAD (MUST BE .005 OR LESS)
			1.2%		0.001

DIAGNOSTIC TEST RESULTS		RFI TEST RESULTS		
Test	Pass	Test	g/210L	Time
Voltage/Current Test	Pass	Air Blank	0.000	04:21
RAM Test	Pass	Subject Test	RFI*	04:22
EEPROM Checksum Test	Pass	Air Blank	0.000	04:22
Real Time Clock Test	Pass	*RFI Detect		
DSP Test	Pass			
Analytical Stability Test	Pass			
Modem Test	Pass			
Temperature Regulation Test	Pass			
Pass		Pass		

NUMBER OF REFUSALS AND SUBJECT BREATH TESTS IN EACH RANGE SINCE LAST MAINTENANCE REPORT						
REFUSALS	.00-.04	.05-.09	.10-.14	.15-.19	OVER .19	
2	12	0	2	2	5	

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).
TIME UPDATED | TESTED AND CERTIFIED

INSPECTING OFFICER			
SIGNATURE 		PRINT NAME KAIGHEN	
TYPE II PERMIT NUMBER 290228	EXPIRATION DATE 10/01/2021	TELEPHONE NUMBER 8164828190	



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

2

PERMIT
TYPE II

RYAN KAIGHEN

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, INTOXILYZER 8000

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 806.111 through 806.119 RSMo.

DATE 10/1/2019

NUMBER 290228

EXPIRES 10/1/2021

MO-565-071 (8-19)

W. Kaighen
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Ryan Kaighen
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
LAB-1 (8-10)

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

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content of breath from an operator in Missouri.

Operator: KAIGHEN, RYAN
Permit No: 290228
Date Issued: 10/1/2019
Date Expires: 10/1/2021



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790
217-245-2183 • Fax: 217-243-7634 • www.ilmo-products.com

Certificate of Analysis

Certificate ID: 13021
Part #: BAC1051080T
Cylinder Size: 105L
Lot Number: 14020990A2
Expiration: 7/5/2022

0.080 BAC (For the calibration of instruments used to determine breath alcohol concentration)

Contents: 105 Liters @ 1000 psig 70°F (21°C)

Component	Reported Concentration: (U, k=2):	Analytical Accuracy (U, k=2):	Analytical Method:	Distributed by:
Ethanol	268 ppm	+/- 4.002 BAC (47200)	NDIR	CM1 Inc
Nitrogen	Balance	[5.2 ppm]		316 East Ninth Street Owensboro, KY 42303 Phone 866-835-0690 www.alcoholtest.com

*Traceable to:
Certified Reference Material - 262.4 µmol/mol
Ethanol in Nitrogen - Serial No. GN0015026 Lot No. 050319E11

Store in dry area, away from sources of heat, ignition and direct sunlight. Do not allow storage area to exceed 52 °C (125 °F).

Adam
Specialty Gas Lab Tech

Tina
Issuance Date: 06-15-2020



The ethylene results table with serials were obtained using equipment and materials capable of producing analytical results traceable to NIST, and apply only to the items contained on this certificate. ILMO Products and Services, Inc. makes no representation as to the suitability of the use of any information provided for any particular purpose. The information is to be used for informational purposes only and does not constitute a warranty or any other form of service.

ISO/IEC 17025:2017 Accredited Laboratory