



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 80-005839	LOCATION OF INSTRUMENT KCMO POLICE DEPT	DATE OF INSPECTION 12/16/2020	TIME OF INSPECTION 22:08
---------------------------------------	--	----------------------------------	-----------------------------

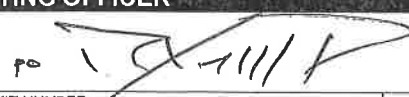
CALIBRATION CHECK RESULTS			CALIBRATION CHECK SUMMARY		
Test	g/210L	Time	STANDARD TYPE	STANDARD LOT #	STANDARD EXPIRATION DATE
Air Blank	0.000	22:10	DRY	14020080A2	07/05/2022
Cal Check	0.082	22:10	SIM TEMPERATURE	SIM SERIAL NUMBER	SIM CERTIFICATE EXPIRATION
Air Blank	0.000	22:11	N/A	N/A	N/A
Cal Check	0.081	22:11	STANDARD VALUE	STANDARD SUPPLIER	
Air Blank	0.000	22:12	0.080	CMI	
Cal Check	0.082	22:12	CALIBRATION CHECK RESULT 1		
Air Blank	0.000	22:12	0.082		
Cal Check	0.082	22:12	CALIBRATION CHECK RESULT 2		
Air Blank	0.000	22:12	0.081		
Pass			CALIBRATION CHECK RESULT 3		
			0.082		
			MAXIMUM DEVIATION (MUST BE WITHIN 5%)	SPREAD (MUST BE .005 OR LESS)	
			2.5%	0.001	

DIAGNOSTIC TEST RESULTS			RFI TEST RESULTS		
			Test	g/210L	Time
Voltage/Current Test	Pass		Air Blank	0.000	22:13
RAM Test	Pass		Subject Test	RFI*	22:13
EEPROM Checksum Test	Pass		Air Blank	0.000	22:14
Real Time Clock Test	Pass		*RFI Detect		
DSP Test	Pass		Pass		
Analytical Stability Test	Pass				
Internal Printer Test	Pass				
Modem Test	Pass				
Temperature Regulation Test	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	
0	0	0	0	0	0	0

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).

TESTED AND CERTIFIED

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



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

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 306.111 through 306.118 RSMo.

DATE 10/17/2019

NUMBER 290228

EXPIRES 10/17/2021

MO 98-0771 (9-10)

W. A. ...
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Ryan Kaighen
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES (LS-4 (9-4-10))

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

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an individual breath alcohol analyzer for the determination of the alcoholic content in breath from an expired air sample.

Operator: **KAIGHEN, RYAN**
Permit No: **290228**
Date Issued: **10/17/2019** Date Expires: **10/17/2021**



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790
217-345-2183 • Fax: 217-243-7634 • www.ilmo-products.com

Certificate of Analysis

Certificate ID: 13021.

Part #: BAC105L080T

Cylinder Size: 105L

Lot Number: 14020988A2

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:	Accuracy (U, R=2):	Analytical Method:
Ethanol	288 ppm	4/-8.082. BAC(G/210L) [5:2 ppm]	NDIR
Nitrogen	Balance		

Distributed by:
CMI Inc
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).

Ryan Kaighen
Specialty Gas Lab, Inc.

Travis Miller

06-15-2020
Issuance Date



The calibration results which this certificate 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 Company does not warrant the use of any information provided for any particular purpose. The information use is at the sole discretion and risk of the user. Liability shall be limited to established replacement costs of the material or service.

ISO/IEC 17025:2017 Accredited Laboratory