ARIZONA DEPARTMENT OF PUBLIC SAFETY

STANDARD QUALITY ASSURANCE PROCEDURES INTOXILYZER MODEL 8000

STANDARD CALIBRATION CHECK PROCEDURE

QA SPECIALIST M-GUELLAN IT /14 AGENCY 6000 TEAN PS
DATE 2/2/13 TIME 033/
INTOXILYZER SERIAL # 80-000312 LOCATION //// S LETC HERELS R
(S) 1. Ensure that gas tank is attached to instrument and contains a standard alcohol concentration solution AC. OR
Pour a standard alcohol concentration solutionAC, into a clean dry simulator and assemble the simulator. Ensure that a tight seal has been made. Turn on the simulator and allow temperature to reach 34°C ± 0.2°C
2. Intoxilyzer 8000 display reads "PUSH BUTTON TO START" 3. Go to the "Control Testing Menu". Select "D" for dry control test or "W" for wet control test. After selection is made press ENTER.
4. Air blank completed. 5. Calibration check completed. Test results 0. / D / AC.
(N) 6. Air blank completed. (7) 7. Remove printed record. Attach the record to the completed checklist.
SIGNATURE
DDG P

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/02/2013

03:31:20 -----

Standard Lot#: 13712100A2

Last Changed By: M. GUILBAULT #1144

QAS: M. GU[LBAULT #1144

GOODYEAR PD

Operator: M. GUILBAULT #1144

GOODYEAR PD

Test	g/210L	Time
Air Blank	0.000	03:31:50
0.100 Cal Chec	k 0.101	03:32:10
Air Blank	0.000	03:32:41

ARIZONA DEPARTMENT OF PUBLIC SAFETY

STANDARD QUALITY ASSURANCE PROCEDURES INTOXILYZER MODEL 8000

STANDARD CALIBRATION CHECK PROCEDURE

QA SPECIALIST M. GUZUBAUT	AGENCY GOODYEAR PD
DATE 2/2/13	TIME 0417
INTOXILYZER SERIAL# 80-000712 I	OCATION //// S LITCHTELY RO
	ntains a standard alcohol concentration solution //00 AC.
	AC, into a clean dry simulator and assemble the furn on the simulator and allow temperature to reach 34°C ±
 Intoxilyzer 8000 display reads "PUSH BUTTON TO Go to the "Control Testing Menu". Select "D" for d made press ENTER. 	START" ry control test or "W" for wet control test. After selection is
4. Air blank completed. (**) 5. Calibration check completed. Test results 0.	20 AC.
(N) 6. Air blank completed. 7. Remove printed record. Attach the record to the con	npleted checklist.
SIGNATURE	

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/02/2013

(04:17:22

Standard Lot#: 13712100A2

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144

GOODYEAR PD

Operator: M. GUILBAULT #1144

GOODYEAR PD

Test	g/210L	Time
Air Blank	0.000	04:17:52
0.100 Cal C	heck 0.100)	04:18:13
Air Blank	(0.000	04:18:43



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

Certificate of Analysis

Certificate ID:

3341

Part #:

BAC105L100T

Cylinder Size:

105L

Lot Number:

13712100A2

Expiration:

7/1/2014

0.100 BAC (For use with breath alcohol testing instruments)

Contents:

105 Liters @ 1000 psig 70°F (21°C)

Component:

Concentration:

Accuracy:

Method:

Ethanol Nitrogen

260.5 ppm Balance +/- 0.002 or 2%

NDIR

BAC whichever

is greater

*NIST Standard Reference Material Certification of NTRM Batch No. 091602 Nominal 210 µmol/mol Ethanol in Nitrogen for ILMO Products Co., Jacksonville, IL

Specialty Gas Lab Tech

5-25-12

Date





7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62650 217-245-2183 • 888-243-9353 • www.ilmospecgas.com

This Material Sa	afety Data S				/ DATA SHEET uirements of OSHA's Hazard Co	ommunication Standard.
oatorial of					GAS MIXTURE	
Maria Na Cara de Cara		SIMPLE			IDENTIFICATION	
Product Name/ C	ass			able Gas mi		
Product Number	1433		BAC DSP 0		Attaio	
Manufacturer			Market Mills and American		ate Drive, Jacksonville, IL 62651	
Manufacturer					JS INGREDIENTS	
	I	-		I	Exposure Limits	
Ingredients	CAS Nun	nber	Percent	26	TLV	PEL
Ethanal	64-17-	5	<14.8	1000, A4 (No	t Classable as a human carcinogen)	TWA = 500
Ethanol	04-17-	5	(1-500 ppm)	1465		
Nitrogon	7727-37	7.0	Balance		Simple Asphyxiant	
Nitrogen NE= Not Established		-5	Dalatice		Olimpie Aspriyalant	
INC- INUL ESTABIISHED			SECTION 3	PHYSICAL C	CHARACTERISTICS	
Poiling Point		Specific	Gravity (air =1):	THOOKE	Solubility in Water:	
Boiling Point -320.4° F; -195.8° C		0.967	Joiavity (all -1).		1.49% (v/v)	
Vapor Pressure (psi	a).		/Freezing Point		% Volatile:	
N/A	4).		; -345.8° F		N/A	
Vapor Density:			ation Rate (Butyl Ace	etate =1)	Appearance and Odor:	
1.145 kg/m³		N/A	allon rate (Daty)	.,	Colorless gas with an alcohol odor:	
T. PTO Kg/III			SECTION 4 - FIF	RE and EXPL	OSION HAZARD DATA	
Flash Point (Method	Used):				LEL: N/A	
Flammable Limits: UEL: N/A						
	: Non-flammab	le. Use	extinguishing media	appropriate for	surrounding fire.	and the second of the second
					ned Breathing Apparatus and full protect	ctive equipment.
Unusual Fire and Ex fire. Explosion Sensitivity	plosion Hazar	ds: This	product does not but	rn; however, co	ntainers, when involved in fire, may rupt	ture or burst in the heat of the
Explosion Sensitivity						
Explosion Sensitivity	to Gtatic Disc	naigo. re	SECTI	ON 5 - REAC	TIVITY DATA	
	Unstable		Conditions to Avo	oid: Contact v	vith incompatible materials: Cylinde	rs exposed to high
Stability Stable						
Incompatibility (M					not compatible with Titanium.	
Hazardous Decon	nposition or E	3yprodu	cts; None.			
Hazardous	May Occur		*Hazardo	ous polymeriz	ation will not occur under normal ci	rcumstances.
Polymerization	Will Not Oc		*		<u>. </u>	
			SECTION	N 6 - HEALTH	I HAZARD DATA	
Routes of Entry:	✓ Inha	alation	Skin	Ingest	ion	
Health Hazards (Acute defiency includes respin	ratory difficulty, ri	nging in th	ne ears, headaches, sho	ortness of breath, osure may have a skin color to white	this gas is inhalation of Oxygen-deficient atm wheezing, headache, dizziness, indigestion, r blue color. Contact with rapidly expanding ga e or grayish-yellow. The pain after contact with	nausea, and, at high concentrations, ases (which released under high
Carcinogenicity:	NTP: N/A	IARC:		OSHA Regul		
Signs and Symptoms of symptoms which include circumstances, death no	le headaches, rir	concentration concentration	ations of this gas can ca ars, dizziness, drowsines	ause an Oxygen-o ss, unconsciousn	leficient environment. Individuals breathing su ess, nausea, vomiting and depression of all th	e senses. Under some
		ed by Expo	osure: Pre- existing resp	oiratory conditions	may be aggravated by the over-exposure of t	his product
Emergency and First A	id Procedures: R	ESCUER NT. At a n	S SHOULD NOT ATTE	MPT TO REVIVE d Breathing Appa m(s) to fresh air a	VICTIMS OF EXPOSURE TO THIS PRODU ratus and Fire-Retardant Personal Protective s quickly as possible. Trained personnel should be a supplemental Overgon, Victim(s) must be	CT WITHOUT ADEQUATE equipment should be worn. Adequate all administer supplemental Oxygen

and/or cardio-pulmonary resuscitation, if necessary. Only trained personnel should administer supplemental Oxygen. Victim(s) must be taken for medical attention.

Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to physician or other health professional with victim(s).

HMIS Rating	HMIS Scale	NFPA Rating	NFPA Scale
Health = 1 Flammability = 0	4 = Severe Hazard 3 = Serious Hazard	i icaidi — i	4 = Severe Hazard 3 = Serious Hazard
Reactivity = 0	2 = Moderate Hazard 1 = Slight Hazard	Reactivity = 0 Other = N/A	2 = Moderate Hazard 1 = Slight Hazard

SECTION 7 - PRECAUTIONS for SAFE HANDLING and USE

Steps to be Taken in Case Material is Released or Spilled: Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people and respond with trained personnel. Adequate fire protection must be provided. Minimum Personal Protective Equipment should be Level B: fire-retardant protective clothing, gloves resistant to tears, and self-contained Breathing Apparatus. Locate and Seal the source of the leaking gas. Allow the gas, which is lighter than air, to dissipate. Monitor the surrounding areas for Oxygen levels. The atmosphere must have at least 19.5 % oxygen before personnel can be allowed in the area without Self-Contained Breathing Apparatus. Attempt to close the main source valve prior to entering the area. If this does not stop the release (or if it is not possible to reach the valve), allow the gas to release in-place or remove it to a safe area and allow the gas to be released there.

Waste Disposable Method: Waste disposal must be in accordance with appropriate Federal, State and local regulations

Precautions to be Taken in Handling and Storing: Cylinders should be stored in dry, well-ventilated areas away from sourced of heat. Compressed gases can present significant safety hazards. Store containers away from heavily trafficked areas and emergency exits, Post "No Smoking or Open Flame" signs in storage or use areas. SPECIAL PRECAUTIONS FOR HANDLING GAS CYLINDERS: Protect cylinders against physical damage. Store in a cool, dry, well-ventilated area, away from sources of heat, ignition, and direct sunlight. Do not allow areas where cylinders are stored to exceed 52° C (125° F). Isolate from incompatible materials. Do not store containers where they can come into contact with moisture. Cylinders should be stored upright and be firmly secured to prevent falling or being knocked over. Cylinders can be stored in the open but in such cases, should be protected against extremes of weather and from the dampness of the ground to prevent rusting. Never tamper with pressure relief devices. The following rules are applicable to situations in which cylinders are being used.

Before Use: Move cylinders with a suitable hand truck. Do not drag, slide or roll cylinders. Do not drop cylinders or permit them to strike each other. Secure cylinders firmly. Leave the valve protection cap in place until cylinder is ready for use.

During Use: Use designated CGA fittings and other support equipment. Do not use adapters. Do not heat cylinders by any means to increase the discharge rate of the product from the cylinder. Use check valve or trap to discharge line to prevent hazardous backflow into the cylinder. Do not use oils or grease on gas handling fittings or equipment.

After use: Close the main cylinder valve. Replace valve protection cap. Mark empty cylinders "EMPTY".

NOTE: Use only DOT or ASME code containers. Close valve after each and when empty. Cylinders must not be recharged except by or with the consent of owner. Cylinders made to DOT-39 specifications may not be refilled. For additional information refer to the Compressed Gas Association Pamphlet P-1, Safe Handling of Compressed Gases in Containers. Additionally, refer to CGA Bulletin SB-2 "Oxygen Deficient Atmospheres".

SECTION 8 - CONTROL MEASURES

Respiratory Protection (Specify Type): Maintain Oxygen levels above 19.5% in the workplace. Use supplied air respiratory protection if Oxygen level falls below 19.5% or during emergency response to a release of this product. If respiratory protection is required, follow the requirements of the Federal OSHA Respiratory Protection Standard (29 CFR 1910.134) or equivalent State standards.

Ventilation: Use with adequate ventilation. Local exhaust ventilation is preferred, because it prevents dispersion into the work place by elimination it at its source. If appropriate, install automatic monitoring equipment to detect the presence of potentially explosive air-gas mixture and the level of Oxygen.

Protective Cloves: Wear mechanically resistant-gloves when handling cylinders Eye Protection: Splash goggles, face shields or safety glasses. of this product.

Other Protective Clothing or Equipment: Use body protection for appropriate task.

Work/Hygienic Practices: As with all chemicals, avoid getting this product IN YOU. Do not eat or drink while handling chemicals. Be aware of any signs of dizziness or fatigue; exposure to fatal concentrations of this product of this product could occur without any significant warning symptoms.

OTHER INFORMATION REQUIRED BY STATE OR FEDERAL LAW

California Proposition 65 Information: No component of this product is on the California Proposition 65 lists.

New Jersey Right-To-Know Information: 5 most predominant ingredients (hazardous and non-hazardous)

- 1. Nitrogen
- 2. Ethanol

SARA Title III Notification Information: All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super Fund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part. 372.

Disclaimer of Expressed and Implied Warranties: The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness or this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use.

ILMO Specialty Gases www.ilmospecgas.com

ARIZONA DEPARTMENT OF PUBLIC SAFETY

STANDARD QUALITY ASSURANCE PROCEDURES INTOXILYZER MODEL 8000

STANDARD CALIBRATION CHECK PROCEDURE

QA SPI	ECIALIST M. GULSSUT	AGENCY GOOD'S	TAN	PA
	2/14/13	TIME		_
NTOX	TLYZER SERIAL # 80-000 3/2	LOCATION //// S	LETC	HESELA PS
K)	•	contains a standard alcohol cor	centration	a solution $\frac{100}{\text{AC}}$
	Pour a standard alcohol concentration solution simulator. Ensure that a tight seal has been made. 0.2°C 2. Intoxilyzer 8000 display reads "PUSH BUTTON" 3. Go to the "Control Testing Menu". Select "D" for made press ENTER. 4. Air blank completed. 5. Calibration check completed. Test results 0 6. Air blank completed. 7. Remove printed record. Attach the record to the CTURE	Turn on the simulator and allow TO START" redry control test or "W" for we Durant AC.	ow temper	rature to reach 34°C ±
	71.00			

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/14/2013

00:13:03

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144

GOODYEAR PD

Operator: M. GUILBAULT #1144

GOODYEAR PD

Test	g/210L	Time
Air Blank	0.000	00:14:04
Air Blank 0.100 Cal Chec Air Blank	k / 0.102 /	00:14:25
Air Blank	0.000	00:14:55

ARIZONA DEPARTMENT OF PUBLIC SAFETY

STANDARD QUALITY ASSURANCE PROCEDURES INTOXILYZER MODEL 8000

STANDARD CALIBRATION CHECK PROCEDURE

QA SPECIALIST M. GUELBAULT 1/44 AGENCY 6000 YEAR PD
DATE U
INTOXILYZER SERIAL # 80-0003/2 LOCATION /// S LETCHFEELD PL
1. Ensure that gas tank is attached to instrument and contains a standard alcohol concentration solution ACOR
Pour a standard alcohol concentration solutionAC, into a clean dry simulator and assemble the simulator. Ensure that a tight seal has been made. Turn on the simulator and allow temperature to reach 34°C ± 0.2°C
(2. Intoxilyzer 8000 display reads "PUSH BUTTON TO START"
3. Go to the "Control Testing Menu". Select "D" for dry control test or "W" for wet control test. After selection is made press ENTER.
4. Air blank completed.
(D) 5. Calibration check completed. Test results 0. / / AC.
6. Air blank completed.
7. Remove printed record. Attach the record to the completed checklist.
SIGNATURE // // (

Location: 1111 S LICHFIELD RD Serial Number: 80-000312

Core Version: 8105.48

02/20/2013

00:49:53

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144

GOODYEAR PD

Operator: M. GUILBAULT #1144

GOODYEAR PD

Test	g/210L	Time
Air Blank	0.000	00:50:39
0.100 Cal	Check (0.101)	00:51:00
Air Blank	0.000	00:51:30

Preventative Maintenance Performed -- Timer Reset

•

•

ARIZONA DEPARTMENT OF PUBLIC SAFETY

STANDARD QUALITY ASSURANCE PROCEDURES INTOXILYZER MODEL 8000

STANDARD QUALITY ASSURANCE PROCEDURE

QA SPECIALIST M-G-ILBOUT /14	YAGENCY GO	OSTEAR AD	,
DATE 7/20/13	TIME	0051	
INTOXILYZER SERIAL# 80-0003/2	LOCATION ///	11 SLETCHFEELD	Rs.
() 1. Display Reads "PUSH BUTTON TO START"			
DIAGNOSTIC TESTS (1) 1. Clock time check. (2) 2. Date check.		•	
OPERATIONAL TESTS 1. Alcohol-free subject test result 0	ace printed ace printedAC. Result 0	<i>[00</i> ac.	• •
COMMENTS			
			· · · · · · · · · · · · · · · · · · ·
			······
SIGNATURE 97 1144			
DPS Form Exh G-4 (Rev 05-01)		•	

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/20/2013

00:51:43

Standard	Lot#:	137	12100A2	
Last Char	aed B	/: M	. GUILBA	U

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144

GOODYEAR PD .

Operator: M. GUILBAULT #1144 GOODYEAR PD

Subject: TEST, TEST DOB: 01/01/1990

Sex: M Weight: 200

15 Minute Deprivation Period? Yes

g/210L	Time
0.000	00:52:34
Pass	00:53:09
0.000	00:53:37
0.101	00:53:58
0.000	00:54:28
0.000	00:54:40
IPS*	00:54:47
RFI**	00:54:56
	0.000 Pass 0.000 0.101 0.000 0.000

^{*}Improper Sample

^{**}RFI Detect

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/20/2013

00:55:00

Standard Lot#: 13712100A2

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144

GOODYEAR PD #1144

Operator: M. GUILBAULT #1144 GOODYEAR PD

Subject: TEST, TEST DOB: 01/01/1990

Sex: M Weight: 200

15 Minute Deprivation Period? Yes

Test	g/210L	Time
Air Blank	0.000	00:55:47
Diagnostic Tes	st Pass	00:56:22
Air Blank	ABT*	00:56:30
Air Blank	0.000	00:56:58

^{*}Sequence Aborted

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/20/2013

00:57:03

Standard Lot#: 13712100A2(

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144

GOODYEAR PD #1144

Operator: M. GUILBAULT #1144 GOODYEAR PD

Subject: TEST, TEST DOB: 01/01/1990

Sex: M Weight: 300

15 Minute Deprivation Period? Yes

Test	g/210L	Time
Air Blank	0.000	00:57:49
Diagnostic Test	Pass	00:58:24
Air Blank	0.000	00:58:52
0.100 Cal Check	0.101	00:59:13
Air Blank	0.000	00:59:43
Subject Test	0.282	01:00:01
Air Blank	0.000	01:00:35
Wait	ABT*	
Air Blank	0.000	01:01:09

^{*}Sequence Aborted

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/20/2013

01:01:15

Standard Lot#: 13712100A2

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144 GOODYEAR PD #1144

Operator: M. GUILBAULT #1144

GOODYEAR PD

Subject: TEST, TEST DOB: 01/01/1990

Sex: M Weight: 200

15 Minute Deprivation Period? Yes

Test	g/210L	Time
Air Blank	0.000	01:02:05
Diagnostic Test	Pass	01:02:40
Air Blank	0.000	01:03:07
0.100 Cal Check	0.100	01:03:28
Air Blank	0.000	01:03:58
Subject Test	0.000	01:04:09
Air Blank	ABT*	01:04:16
Air Blank	0.000	01:04:44

^{*}Sequence Aborted

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/20/2013

01:04:48

Standard Lot#: 13712100A2

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144

GOODYEAR PD

Operator: M. GUILBAULT #1144

GOODYEAR PD

Subject: TEST, TEST DOB: 01/01/1990

Sex: M Weight: 200

15 Minute Deprivation Period? Yes

Test	g/210L	Time
Air Blank	0.000	01:05:39
Diagnostic Test	Pass	01:06:14
Air Blank	0.000	01:06:42
0.100 Cal Check	0.100	01:07:02
Air Blank	2000	01:07:33
Subject Test	0.300*	01:10:40
Air Blank	0.000	01:11:13
Air Blank	0.000	01:11:40
Subject Test	XXX**	01:12:03
Air Blank	0.00 0	01:12:37

*Deficient Sample

**Invalid Sample

Begin new deprivation period

ARIZONA DEPARTMENT OF PUBLIC SAFETY

STANDARD QUALITY ASSURANCE PROCEDURES INTOXILYZER MODEL 8000

STANDARD CALIBRATION CHECK PROCEDURE

QA SPECIALIST M. COSTUS OUT	AGENCY GOOD YEAR PD
DATE 2/20/13	TIME 0112
INTOXILYZER SERIAL # 80-1000312	LOCATION //// S LETCHFIELD RA
(1. Ensure that gas tank is attached to instrument and	contains a standard alcohol concentration solution AC.
Pour a standard alcohol concentration solution simulator. Ensure that a tight seal has been made. 0.2°C	AC, into a clean dry simulator and assemble the Turn on the simulator and allow temperature to reach 34°C \pm
2. Intoxilyzer 8000 display reads "PUSH BUTTON"	
3. Go to the "Control Testing Menu". Select "D" for made press ENTER.	dry control test or "W" for wet control test. After selection is
(OY 4. Air blank completed	
5. Calibration check completed. Test results 0.	AC.
7. Remove printed record. Attach the record to the c	ompleted checklist.
SIGNATURE // // //	
DPS Form Exh G-2 (Rev 05-01)	

Location: 1111 S LICHFIELD RD

Serial Number: 80-000312 Core Version: 8105.48

02/20/2013

01:12:50

Standard Lot#: 13712100A2

Last Changed By: M. GUILBAULT #1144

QAS: M. GUILBAULT #1144

GOODYEAR PD

Operator: M. GUILBAULT #1144

GOODYEAR PD

Test	g/210L	Time
Air Blank	0,000	01:13:19
0.100 Cal Check	0.100	01:13:40
Air Blank	0.000	01:14:10