



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
 BREATH ALCOHOL PROGRAM  
**DATAMASTER MAINTENANCE REPORT**

received 8/14/14-cd  
 REPORT #6

**REVIEWED**  
 By Carol Day at 11:39 am, Aug 28, 2014

Complete this report at the time of the regular monthly preventive maintenance check (not to exceed 35 days).  
 Complete this report whenever the instrument is serviced or repaired and whenever it is placed into service.  
 Retain the original and send a copy within 15 days to the Breath Alcohol Program, DHSS.

DATAMASTER SN 201277	NAME OF AGENCY Carterville Police Department	DATE OF INSPECTION 08/01/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 1200 E. 1st Street Carterville, MO 64835		TIME OF INSPECTION 7:53 pm

**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.

<input checked="" type="checkbox"/> DIAGNOSTIC CHECK (PRINTOUT ATTACHED)	DATE AND TIME (from printout) 08/01/2014 / 1953 hrs
<input checked="" type="checkbox"/> COMPUTER	<input checked="" type="checkbox"/> DETECTOR
<input checked="" type="checkbox"/> PROGRAM	<input checked="" type="checkbox"/> FILTERS
<input checked="" type="checkbox"/> HEATERS SAMPLE CHAMBER 49 °C	<input checked="" type="checkbox"/> QUARTZ STANDARD
<input checked="" type="checkbox"/> FLOW DETECTOR	<input checked="" type="checkbox"/> CALIBRATION
<input checked="" type="checkbox"/> PUMP HIGH SPEED	<input checked="" type="checkbox"/> PRINTER

INDICATOR LIGHTS

SIMULATOR SOLUTION SUPPLIER Guth Laboratories Inc. LOT # 14110 EXP. DATE 05/01/2016

SIMULATOR TEMP (34°C ± 0.2°C) 34.0 °C SIMULATOR SN 094948 EXP. DATE 07/14/2015

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. Mark 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 ← .098	TEST 2 ← .099	TEST 3 ← .099
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PERFORM R.F.I. TEST (PRINTOUT ATTACHED)

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
 (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	1	(.05-.09)	1	(.10-.14)	2	(.15-.19)	1	OVER .19	0
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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).

Instrument is operating within MODHSS specifications

**INSPECTING OFFICER**

SIGNATURE 	PRINT FULL NAME Christopher Shonk
TYPE II PERMIT NUMBER/EXPIRATION DATE 220432 / 12/27/2014	TELEPHONE NUMBER (417) 673-2616

RETURN COMPLETED REPORT TO THE:  
 Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
 2875 James Blvd.  
 Poplar Bluff, MO 63901



**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

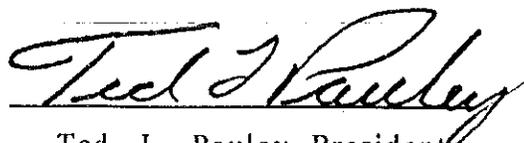
## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **14110** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 5, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 1, 2016** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of  $0.100 \text{ g}/210\text{L} \pm 3\%$ .

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 FN122211-02 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.*

# Evidence Ticket

STATE OF MISSOURI  
CARTERVILLE POLICE DEPARTMENT

BAC DATAMASTER SERIAL NUMBER 201277  
08/01/14

ARREST TIME: 12:01

SUBJECT NAME:

SOBER/SAMPLE

DOB: 12/12/12

SEX: M

STATE/D.L.: MO/12345

ARRESTING OFFICER:

SHONK

OFFICER I.D.: 504

TESTING OFFICER:

SHONK/CHRISTOPHER/M

OFFICER I.D.: 504

PERMIT NUMBER: 220432

EXPIRATION DATE: 12/27/14

MISCELLANEOUS DATA:

## --- BREATH ANALYSIS ---

BLANK TEST	.000	20:03
INTERNAL STANDARD	VERIFIED	20:03
SUBJECT SAMPLE	.000	20:03
BLANK TEST	.000	20:04

Operator Signature



2208-02

# Evidence Ticket

STATE OF MISSOURI  
CARTERVILLE POLICE DEPARTMENT

BAC DATAMASTER SERIAL NUMBER 201277  
08/01/14

ARREST TIME: 12:00

SUBJECT NAME:

RFI/CHECK

DOB: 12/12/12

SEX: M

STATE/D.L.: MO/1234

ARRESTING OFFICER:

SHONK

OFFICER I.D.: 504

TESTING OFFICER:

SHONK/CHRISTOPHER/M

OFFICER I.D.: 504

PERMIT NUMBER: 220432

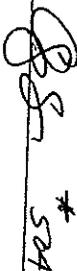
EXPIRATION DATE: 12/27/14

MISCELLANEOUS DATA:

## --- BREATH ANALYSIS ---

BLANK TEST	.000	20:01
INTERNAL STANDARD	VERIFIED	20:01
RADIO INTERFERENCE		

Operator Signature



2208-02

# BAC DataMaster Evidence Ticket

STATE OF MISSOURI  
CARTERVILLE POLICE DEPARTMENT

BAC DATAMASTER SERIAL NUMBER 201277  
08/01/14

TESTING OFFICER:  
SHONK/CHRISTOPHER/M  
OFFICER I.D.: 504  
PERMIT NUMBER: 220432  
EXPIRATION DATE: 12/27/14  
MISCELLANEOUS DATA:

--- SUPERVISOR MODE ---

BLANK TEST	.000	19:55
INTERNAL STANDARD	VERIFIED	19:55
EXTERNAL STANDARD	.098	19:56
BLANK TEST	.000	19:56
EXTERNAL STANDARD	.099	19:57
BLANK TEST	.000	19:57
EXTERNAL STANDARD	.099	19:58
BLANK TEST	.000	19:58

N = 3  
SIM. = .1  
RWS. = .0986

Operator Signature  #504

# Evidence Ticket

STATE OF MISSOURI  
CARTERVILLE POLICE DEPARTMENT

BAC DATAMASTER SERIAL NUMBER 201277  
08/01/14  
19:53

--- DIAGNOSTIC CHECK ---

COMPUTER: OKAY  
PROGRAM (04-07-2009): OKAY  
HERTERS SAMPLE CHAMBER: 49C  
FLOW DETECTOR: OKAY  
PUMP HIGH SPEED: OKAY  
DETECTOR: OKAY  
FILTERS: OKAY  
QUARTZ STANDARD: OKAY  
CALIBRATION: OKAY

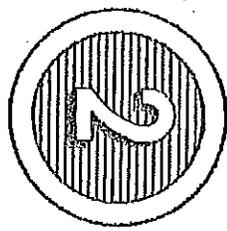
PRINTER TEST  
!##\$%&'()\*+,-./0123456789:;<=>?@ABCDEFGHIJ  
KLMNOPQRSTUVWXYZ[\]^\_`abcdefgijklmnop  
qrs tuvwxyz{|}~

Operator Signature  #504

State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



CHRISTOPHER SHONK

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATAMASTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 12/27/2012

Number 220432

Expires 12/27/2014

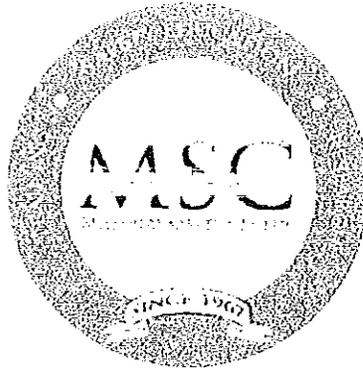
Director of State Public Health Laboratory

ACTING DIRECTOR

Director, Department of Health

MO 580-0771 (7-89)

Lab. 4 (R7-89)



# Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations: 19 CSR 25-30.051 (4).

Checked: 07/14/2014 Expires: 07/14/2015  
MSC Tech: DRL  
Temp: 34.00 Digital Therm. SN: 094948  
Agency: Carterville Police Dept.



Technician Printed Name: DAN LUCAS

Technician Signature: [Signature]

Date: 07/14/2014

Contact: Missouri Safety Center

Breath Alcohol Instrument Training Program