

Raw data from analysis: LOT #17803

				Raw	Average		
Analyst: JJ	Bottle #44	sample #1	a	0.0991	0.0985	overall mean: 0.0978	
			b	0.098			
JJ	bottle #516	sample #2	a	0.0973	0.0970		
			b	0.0967			
		sample #3	a	0.0977	0.0973		
			b	0.0969			
sample #4	a	0.0988	0.0984				
	b	0.0981					
Analyst: JG	Bottle #309	sample #1	a	0.0966	0.0962	overall mean: 0.0971	
			b	0.0958			
JG	bottle #749	sample #2	a	0.0977	0.0975		
			b	0.0973			
		sample #3	a	0.0988	0.0986		
			b	0.0985			
sample #4	a	0.0962	0.0958				
	b	0.0955					

average of all raw data: **0.0974375**

alcohol content conversion with 1.23: **0.07922**
 with 1.21: 0.08053

Target value from provider:
 0.0961 +/- 3% range 0.09898
 0.09322
 0.08 +/- 3% range 0.0824
 0.0776

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 17803-44

Analysis Date(s): 10 Jun 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0991	0.0980	0.0011	0.0985	0.0977	
(g/100cc)	0.0973	0.0967	0.0006	0.0970		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument method is stored centrally.

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD-96GF641

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.097	0.092	0.102	0.005

	Reported Result	
	0.097	

Calibration and control data are stored centrally.

Issued: 12/30/2016

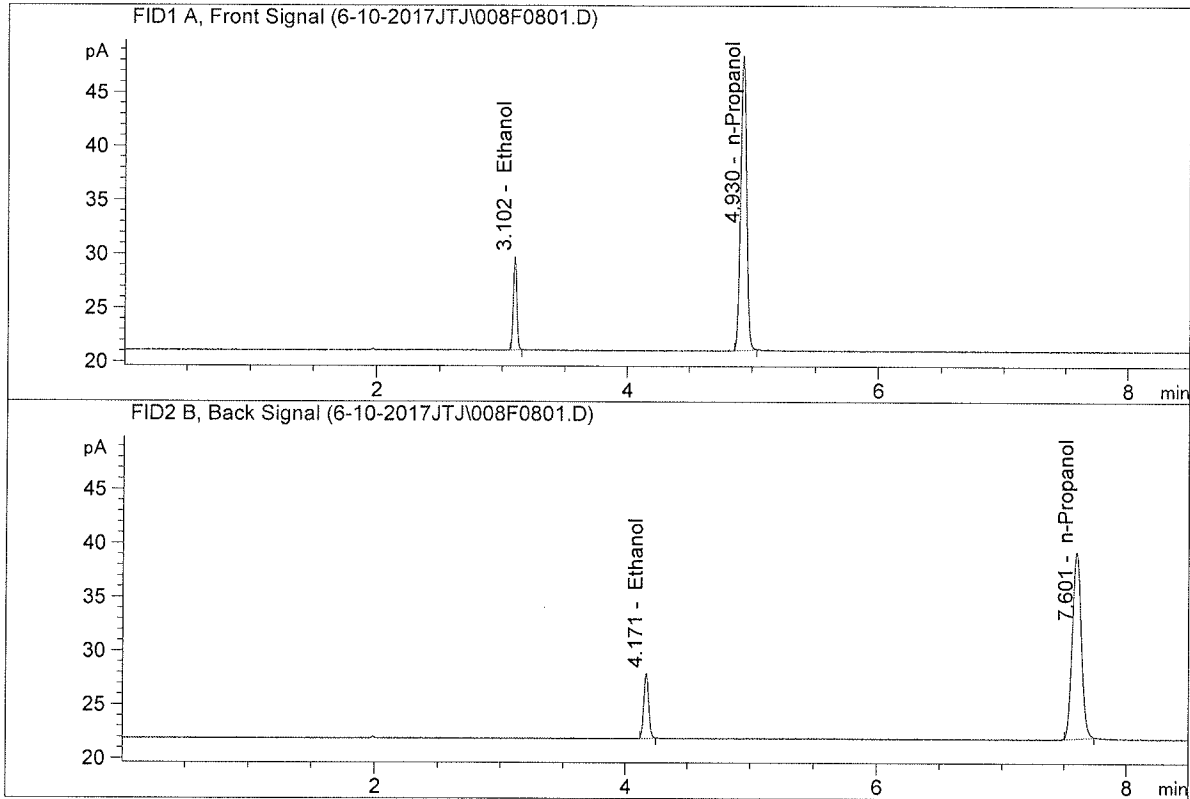
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 17803-44-A
 Laboratory : Coeur d' Alene
 Injection Date : Jun 10, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN10742044-IT00725005

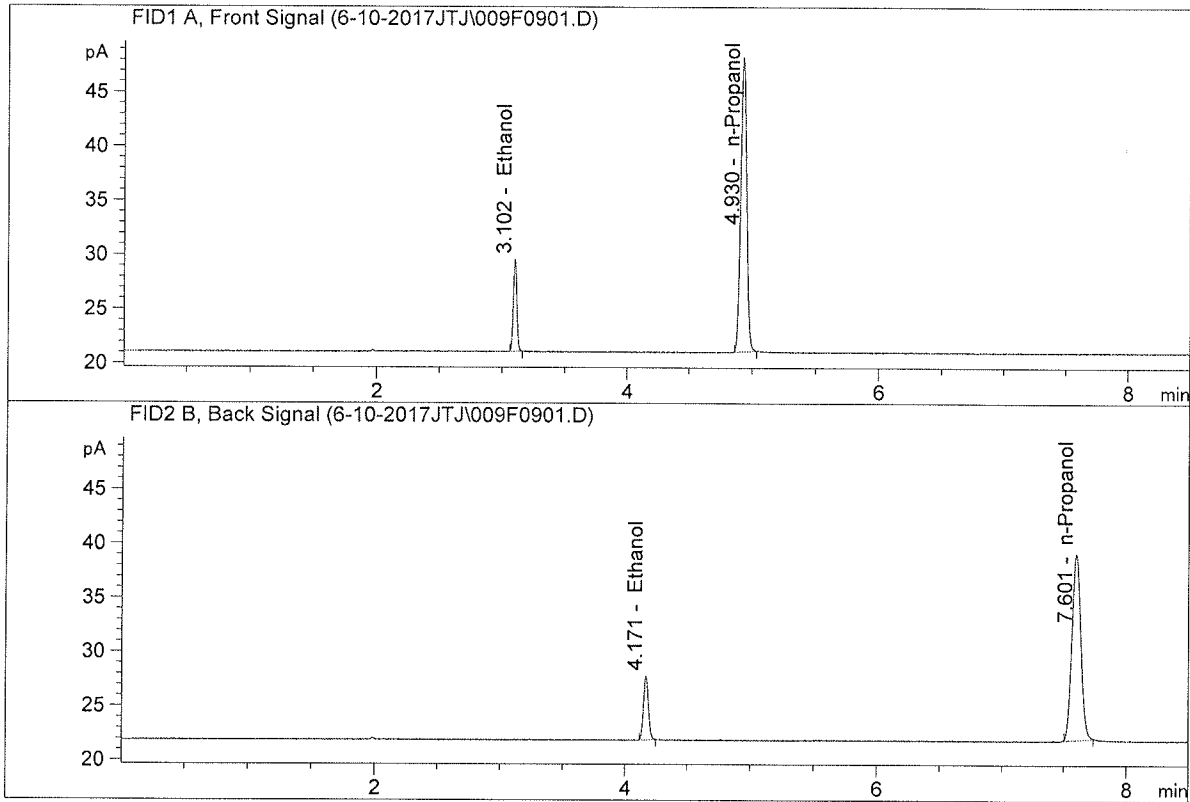


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.79521	0.0991	g/100cc
2.	Ethanol	Column 2:	16.52276	0.0980	g/100cc
3.	n-Propanol	Column 1:	88.94175	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.09640	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 17803-44-B
 Laboratory : Coeur d' Alene
 Injection Date : Jun 10, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.41423	0.0973	g/100cc
2.	Ethanol	Column 2:	16.19897	0.0967	g/100cc
3.	n-Propanol	Column 1:	88.54868	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.58921	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 17803-516

Analysis Date(s): 10 Jun 2017

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0977	0.0969	0.0008	0.0973	0.0978	
(g/100cc)	0.0988	0.0981	0.0007	0.0984		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument method is stored centrally.

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD-96GF641

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.097	0.092	0.102	0.005

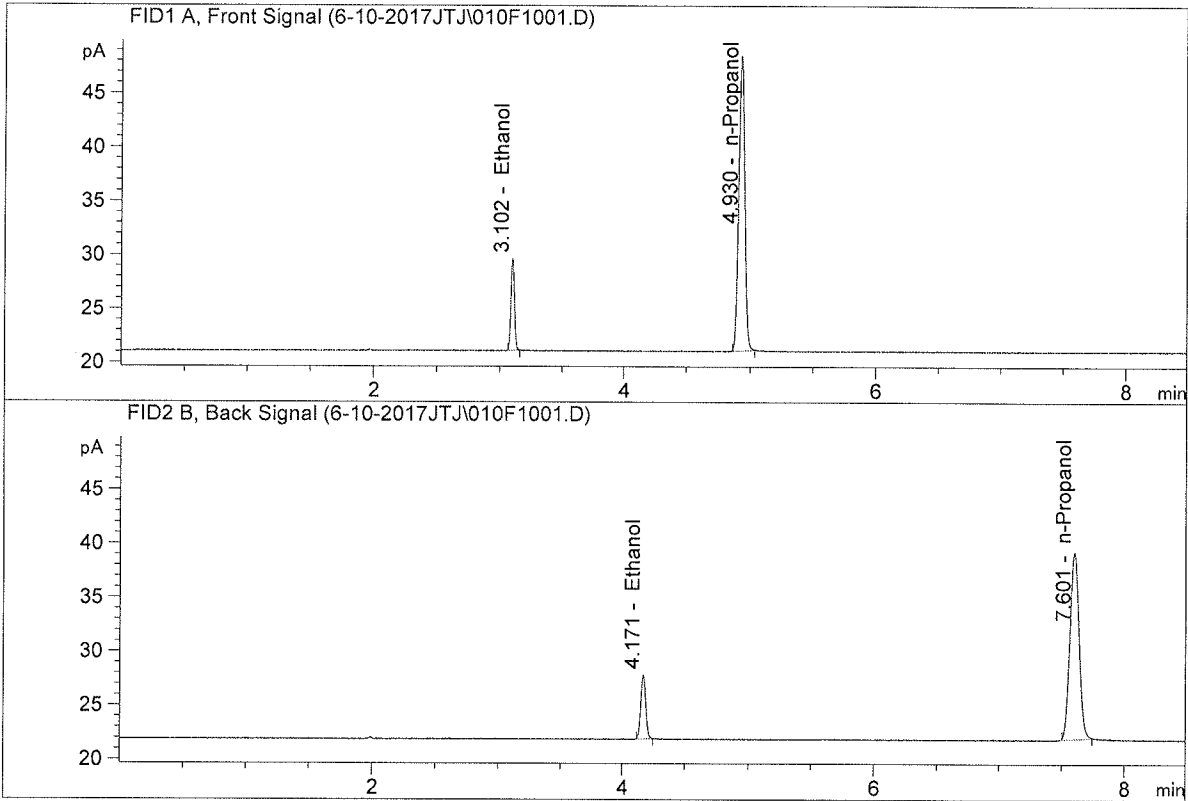
	Reported Result	
	0.097	

Calibration and control data are stored centrally.

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ISP Forensic Services Blood Alcohol Report

Sample Name : 17803-516-A
 Laboratory : Coeur d' Alene
 Injection Date : Jun 10, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN10742044-IT00725005

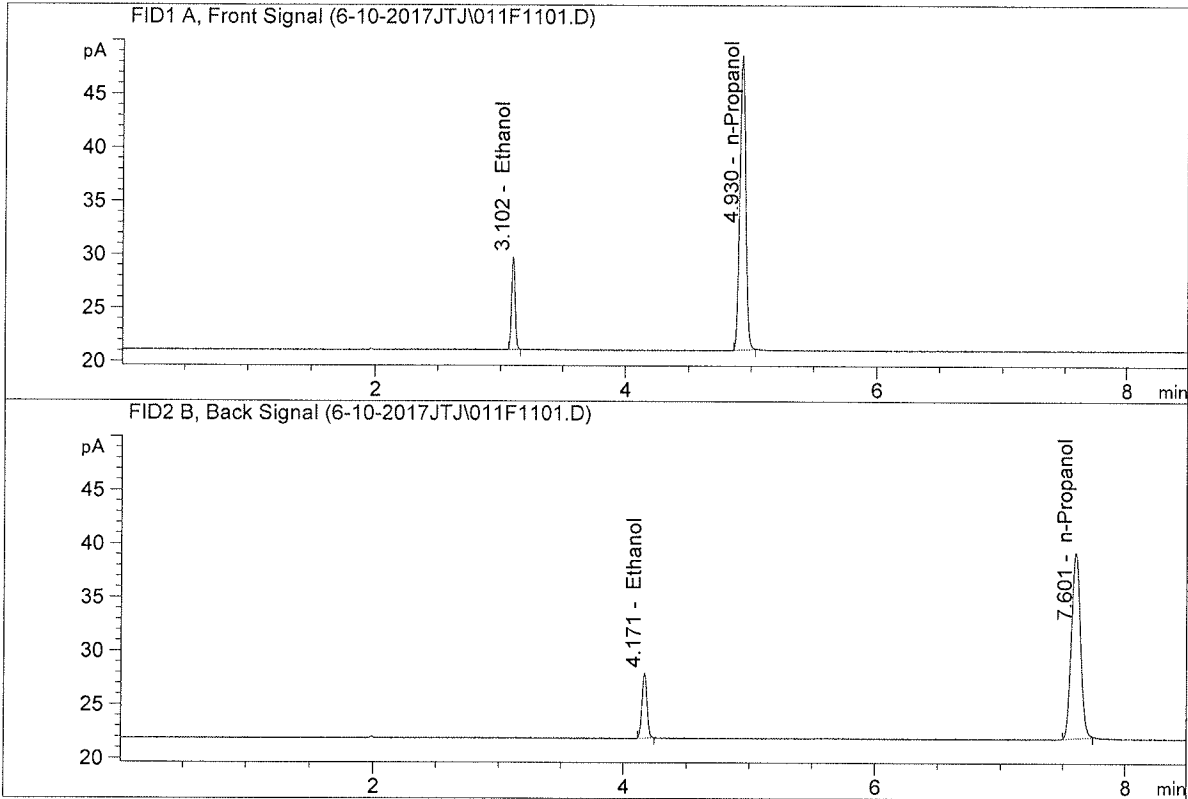


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.55870	0.0977	g/100cc
2.	Ethanol	Column 2:	16.34699	0.0969	g/100cc
3.	n-Propanol	Column 1:	88.96835	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.18914	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 17803-516-B
 Laboratory : Coeur d' Alene
 Injection Date : Jun 10, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN10742044-IT00725005

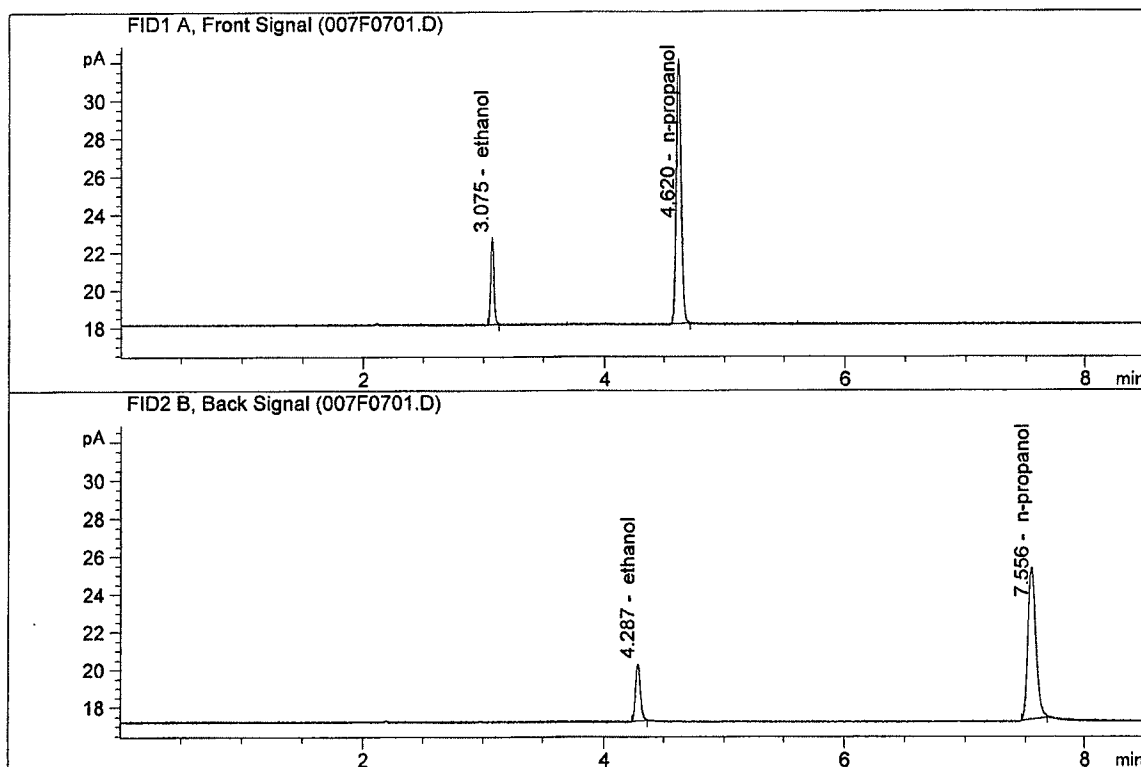


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.83979	0.0988	g/100cc
2.	Ethanol	Column 2:	16.62175	0.0981	g/100cc
3.	n-Propanol	Column 1:	89.44263	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.53437	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : Repco 0.080 17803
 Laboratory : Meridian
 Injection Date : Jun 15, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

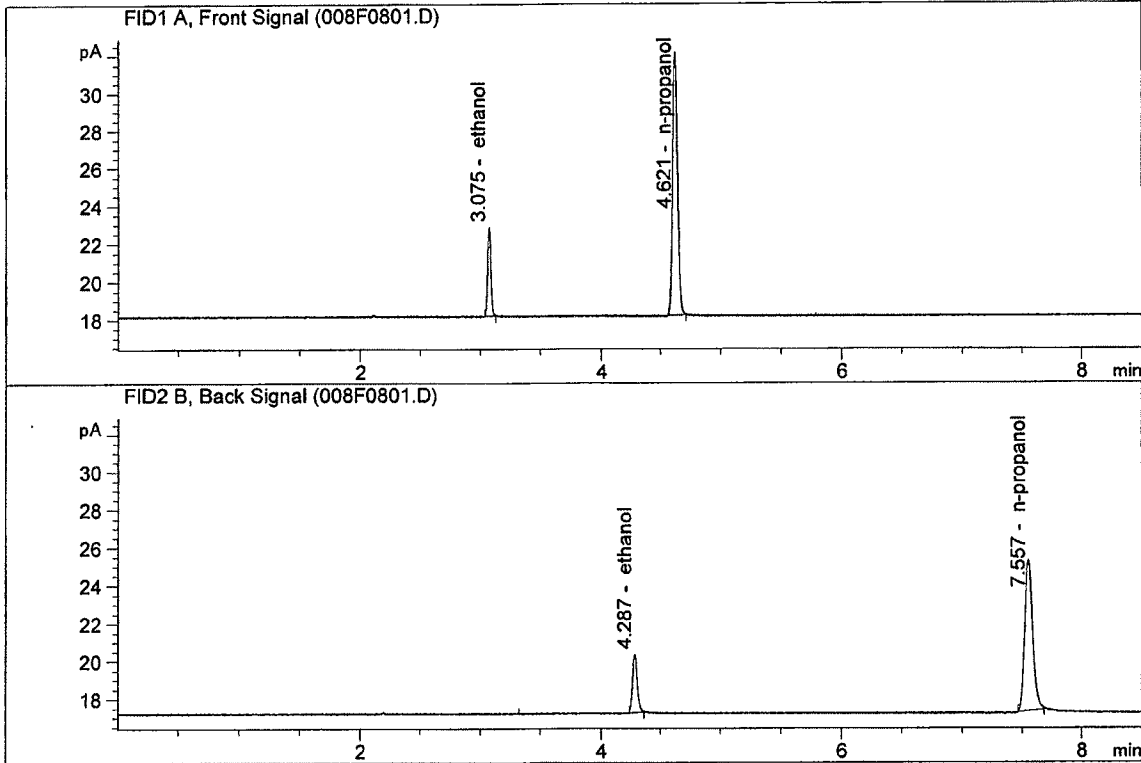


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.46171	0.0966	g/100cc
2.	Ethanol	Column 2:	8.29136	0.0958	g/100cc
3.	n-Propanol	Column 1:	39.64690	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.49687	1.0000	g/100cc

99 JG

ISP Forensic Services Blood Alcohol Report

Sample Name : Repco 0.080 17803
 Laboratory : Meridian
 Injection Date : Jun 15, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

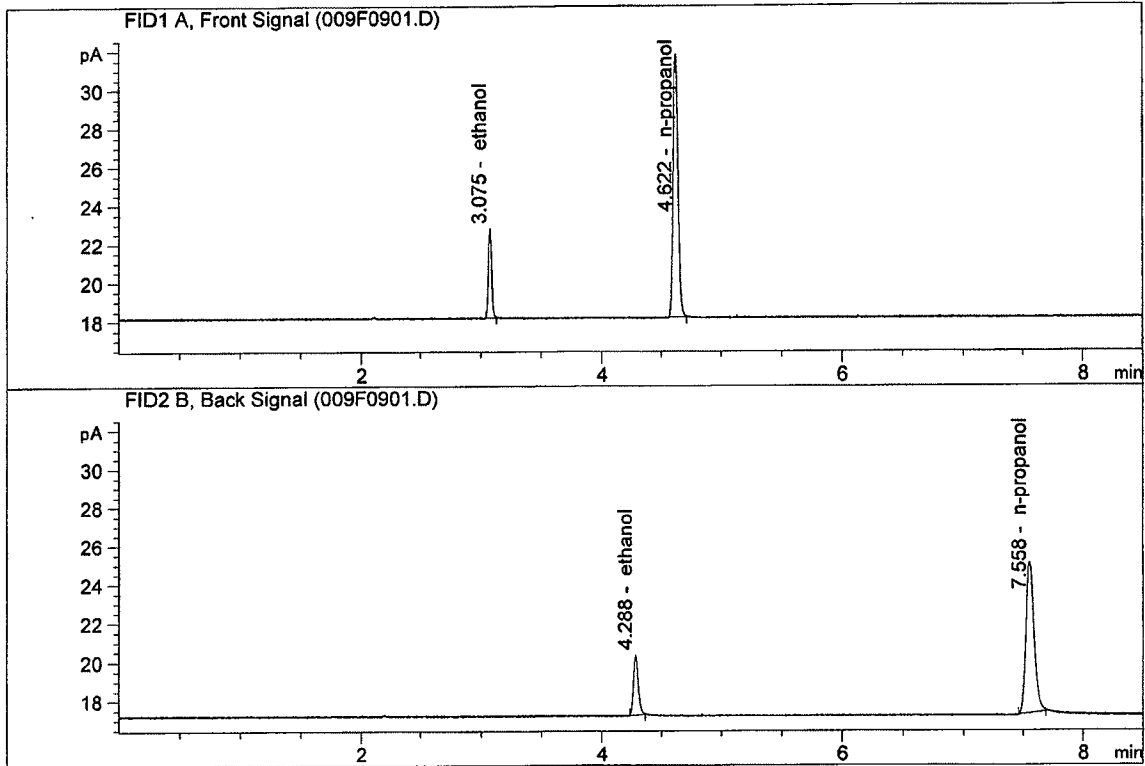


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.54952	0.0977	g/100cc
2.	Ethanol	Column 2:	8.42738	0.0973	g/100cc
3.	n-Propanol	Column 1:	39.62527	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.48773	1.0000	g/100cc

99 JG

ISP Forensic Services Blood Alcohol Report

Sample Name : Repco 0.080 17803
 Laboratory : Meridian
 Injection Date : Jun 15, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

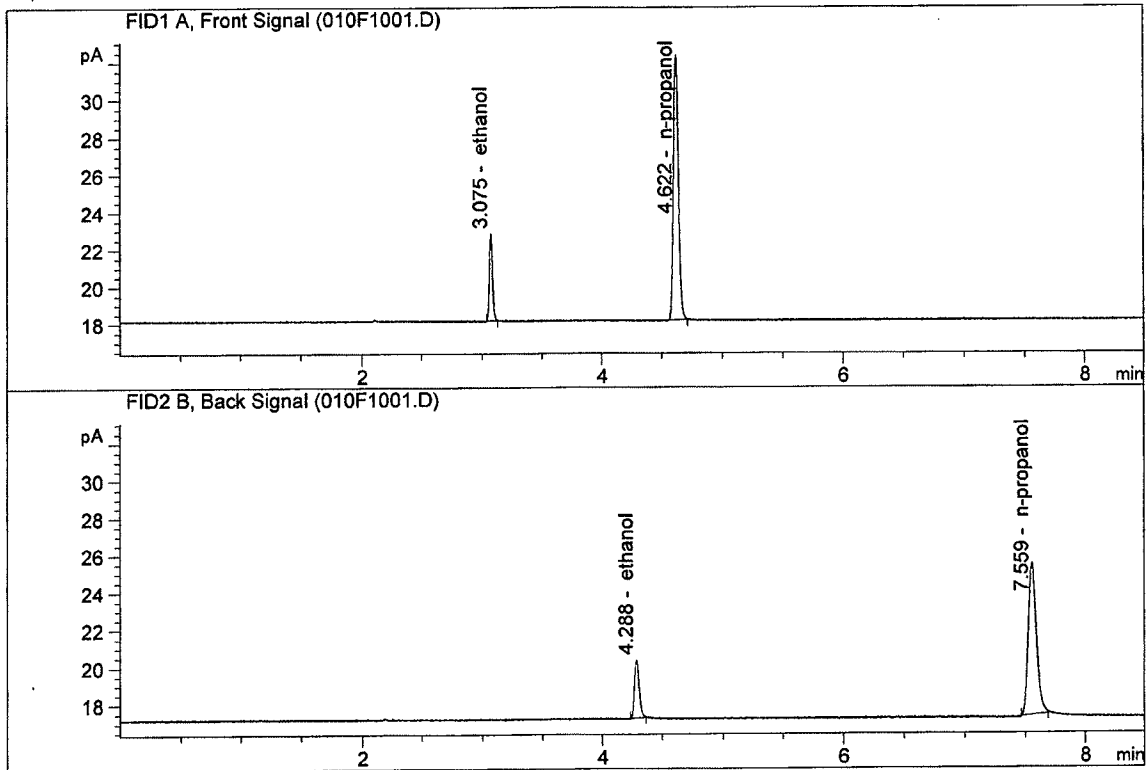


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.45859	0.0988	g/100cc
2.	Ethanol	Column 2:	8.36399	0.0985	g/100cc
3.	n-Propanol	Column 1:	38.74335	1.0000	g/100cc
4.	n-Propanol	Column 2:	37.71087	1.0000	g/100cc

99 JG

ISP Forensic Services Blood Alcohol Report

Sample Name : Repco 0.080 17803
 Laboratory : Meridian
 Injection Date : Jun 15, 2017
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.58238	0.0962	g/100cc
2.	Ethanol	Column 2:	8.43149	0.0955	g/100cc
3.	n-Propanol	Column 1:	40.38866	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.26250	1.0000	g/100cc

99 56

RepCo Marketing, Inc.

3101-188 Stonybrook Drive
Raleigh, NC 27604

Invoice

Date	Invoice #
6/7/2017	11260

Bill To	Ship To
Idaho State Police Attn: Accounts Payable 700 S. Stratford Dr. Meridian ID 83642-6202	Idaho State Police Forensics Attn: Jeremy Johnston 615 W. Wilbur Ave. Suite B Coeur D' Alene, ID 83815

P.O. Number	Terms	Ship	Via	F.O.B.
EVALUATION	Net 30	6/7/2017	FedEx 2nd ...	Raleigh

Qty Ordered	B/O	Qty Shipped	Item Code	Description	Price Each	Amount
2			CSS-080	.080 BAC Simulator Solution Lot# 17803	0.00	0.00

Total					\$0.00
Payments/Credits					\$0.00
Balance Due					\$0.00

**RepCo Marketing Inc., 3101-188 Stonybrook Dr.,
Raleigh, NC 27604 (919) 876-5480; Fax (919) 876-5467
Toll Free 888-828-0227**

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CERTIFICATE OF ANALYSIS

MANUFACTURER AND SUPPLIER: RepCo Marketing, Inc.

LOT NUMBER: 17803

EXPIRATION DATE: May 23, 2019 at 11:59 p.m.

RepCo Marketing, Inc. certifies the following:

RepCo Marketing, Inc. prepared, tested and supplied Lot Number 17803 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Inc., with confirmation by accredited institution, Data Resources Inc., using NIST standards. Random samples were analyzed by Data Resources Inc. utilizing a gas chromatograph and found to contain .0956 gms/dl +/-0.003 gms/dl wt/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance.

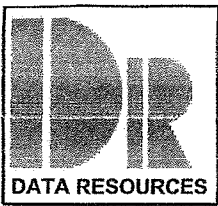
This solution will produce a vapor alcohol value of .080 +/-3% gms/210L breath when heated to 34 Degrees Celsius +/-0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is May 24, 2017
The expiration date for this lot number is May 23, 2019 at 11:59 p.m.

This document is a true representation of the original Certificate of Analysis.



Alma Palmer, Manager
RepCo Marketing, Inc.



DATA PACKAGE

DATA RESOURCES INC
1410 ST ANDREWS RD - STE 200
COLUMBIA SC 29210
BUS: 803-561-0331
FAX: 803-561-0536

PROJECT : ETHANOL ASSAY -- LOT #17803

CREATED ON : 6/5/2017

ORDER ID: 170605X101

REPORT TO : REPCO MARKETING
Cecil Garner
3101-188 Stonybrook Drive
Raleigh NC 27604

CUSTOMER ID : REPCO
JOB ID :

EPA REGULATION : NON REGULATORY
EPA COMPLIANCE : NON COMPLIANT

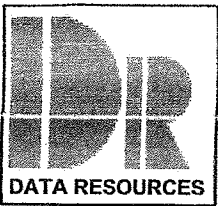
THANK YOU FOR CHOOSING DATA RESOURCES, INC. AS YOUR SOURCE FOR
QUALITY LABORATORY SERVICES. DATA RESOURCES, INC. STRIVES TO
PROVIDE UNPARALLELLED SERVICE AND SUPPORT REGARDING YOUR SAMPLE
ANALYSIS REQUIREMENTS. DATA RESOURCES, INC. PROVIDES TECHNICAL
EXPERTISE, PROJECT MANAGEMENT SKILLS, CUSTOMER SUPPORT, AND
ACCURATE TEST RESULTS.

PLEASE TAKE A MOMENT TO REVIEW THE FOLLOWING DATA PACKAGE.

ON THE FOLLOWING PAGES YOU WILL FIND GENERAL REFERENCE INFORMATION
ABOUT THE DATA PRESENTED IN THIS ANALYSIS REPORT. THIS INFORMATION
AND MORE CAN BE FOUND ON OUR WEBSITE AT HTTP://DATARESOURCESINC.COM

Bruce E. Watt
Project Manager, Data Resources Inc

Bruce E Watt
Laboratory Director, Data Resources Inc - Columbia



DATA PACKAGE

DATA RESOURCES INC
1410 ST ANDREWS RD - STE 200
COLUMBIA SC 29210
BUS: 803-561-0331
FAX: 803-561-0536

PROJECT : ETHANOL ASSAY -- LOT #17803
CREATED ON : 6/5/2017

ORDER ID: : **170605X101**

REPORT TO : REPCO MARKETING
Cecil Garner
3101-188 Stonybrook Drive
Raleigh NC 27604

CUSTOMER ID : REPCO
JOB ID :

EPA REGULATION : NON REGULATORY
EPA COMPLIANCE : NON COMPLIANT

FOR ORGANIZATIONAL PURPOSES THE FOLLOWING DATA PACKAGE
IS DIVIDED INTO SECTIONS AS LISTED BELOW:

PAGE	SECTION
i	COVER PAGE
ii	INDEX PAGE (This page)
1	SAMPLE CONTAINER MANIFEST
2	ANALYTICAL DATA -- PERFORMED BY DATA RESOURCES
8	CHAIN-OF-CUSTODY and SAMPLE RECEIPT RECORDS
9	TOTAL PAGES (Not including COVER and INDEX pages)

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SAMPLE CONTAINER MANIFEST

DATA RESOURCES INC
1410 ST ANDREWS RD - STE 200
COLUMBIA SC 29210
BUS: 803-561-0331
FAX: 803-561-0536

PROJECT : ETHANOL ASSAY -- LOT #17803

CREATED ON : 2017-6-5

ORDER ID: **170605X101**

REPORT TO : REPCO MARKETING
Cecil Garner
3101-188 Stonybrook Drive
Raleigh NC 27604

CUSTOMER ID : REPCO
JOB ID : 72

EPA REGULATION : NON REGULATORY
EPA COMPLIANCE : NON COMPLIANT

SITE

BTL 1

CONTAINER ID	COLLECTION TIMESTAMP	QTY	MATRIX	C/G	CONTAINER: DESCRIPTION TYPE	SIZE	PRESERVATIVE	HOLDING
88953	2017-05-25	1	LIQUID	GRAB	Plastic	500 mL	NONE	

SITE

BTL 2

CONTAINER ID	COLLECTION TIMESTAMP	QTY	MATRIX	C/G	CONTAINER: DESCRIPTION TYPE	SIZE	PRESERVATIVE	HOLDING
88954	2017-05-25	1	LIQUID	GRAB	Plastic	500 mL	NONE	

SITE

BTL 3

CONTAINER ID	COLLECTION TIMESTAMP	QTY	MATRIX	C/G	CONTAINER: DESCRIPTION TYPE	SIZE	PRESERVATIVE	HOLDING
88955	2017-05-25	1	LIQUID	GRAB	Plastic	500 mL	NONE	

SITE

INHOUSE @ 100 mg/dL

CONTAINER ID	COLLECTION TIMESTAMP	QTY	MATRIX	C/G	CONTAINER: DESCRIPTION TYPE	SIZE	PRESERVATIVE	HOLDING
0	2017-05-25	1	LIQUID	GRAB	Plastic	500 mL	NONE	

99



DATA PACKAGE

DATA RESOURCES INC
 1410 ST ANDREWS RD - STE 200
 COLUMBIA SC 29210
 BUS: 803-561-0331
 FAX: 803-561-0536

PERFORMED AT: DR - COLUMBIA
 CERTIFICATION: SCDHEC: 40569

PROJECT : ETHANOL ASSAY -- LOT #17803

CREATED ON : 6/5/2017

ORDER ID: **170605X101**

REPORT TO : REPCO MARKETING
 Cecil Garner
 3101-188 Stonybrook Drive
 Raleigh NC 27604

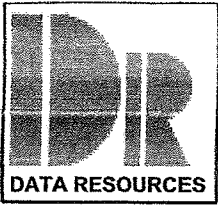
CUSTOMER ID : REPCO
 JOB ID : 72

EPA REGULATION : NON REGULATORY
 EPA COMPLIANCE : NON COMPLIANT

SITE	MATRIX	C/G	COLLECTION TIMESTAMP	CONTAINER ID	QTY	CONTAINER: DESCRIPTION		
						TYPE	SIZE	PRESERVATIVE HOLDING
BTL 1	LIQUID	GRAB	2017-05-25		1	Plastic	500 mL	NONE

TEST				PRIORITY	METHOD		
ETHANOL ASSAY				Normal	CUSTOM		
PARAMETER	ANALYSIS TIMESTAMP [AGED]	RESULT	QUAL	LIMIT HI LIMIT LO	PQL MDL	DILUTON INSTRUMENT	UNIT ANALYST
ETHANOL REPLICATE 1	2017-06-01 [7.00 days]	95.630		NA NA		1	mg/dL bewatt
ETHANOL REPLICATE 2	2017-06-01 [7.00 days]	95.553		NA NA		1	mg/dL bewatt
ETHANOL REPLICATE 3	2017-06-01 [7.00 days]	94.988		NA NA		1	mg/dL bewatt
ETHANOL AVERAGE	2017-06-01 [7.00 days]	95.390		NA NA		1	mg/dL bewatt

99



DATA PACKAGE

PERFORMED AT: DR - COLUMBIA
 CERTIFICATION: SCDHEC: 40569

DATA RESOURCES INC
 1410 ST ANDREWS RD - STE 200
 COLUMBIA SC 29210
 BUS: 803-561-0331
 FAX: 803-561-0536

PROJECT : ETHANOL ASSAY -- LOT #17803

CREATED ON : 6/5/2017

ORDER ID: **170605X101**

REPORT TO : REPCO MARKETING
 Cecil Garner
 3101-188 Stonybrook Drive
 Raleigh NC 27604

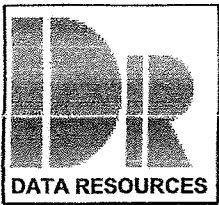
CUSTOMER ID : REPCO
 JOB ID : 72

EPA REGULATION : NON REGULATORY
 EPA COMPLIANCE : NON COMPLIANT

SITE	MATRIX	C/G	COLLECTION TIMESTAMP	CONTAINER ID	QTY	CONTAINER DESCRIPTION		
						TYPE	SIZE	PRESERVATIVE HOLDING
BTL 2	LIQUID	GRAB	2017-05-25		1	Plastic	500 mL	NONE

TEST				PRIORITY	METHOD		
ETHANOL ASSAY				Normal	CUSTOM		
PARAMETER	ANALYSIS TIMESTAMP [AGED]	RESULT	QUAL	LIMIT HI LIMIT LO	PQL MDL	DILUTION INSTRUMENT	UNIT ANALYST
ETHANOL REPLICATE 1	2017-06-01 [7.00 days]	96.096		NA NA		1	mg/dL bewatt
ETHANOL REPLICATE 2	2017-06-01 [7.00 days]	96.635		NA NA		1	mg/dL bewatt
ETHANOL REPLICATE 3	2017-06-01 [7.00 days]	95.963		NA NA		1	mg/dL bewatt
ETHANOL AVERAGE	2017-06-01 [7.00 days]	96.231		NA NA		1	mg/dL bewatt

99



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 COLUMBIA SC 29210
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 FAX: 803-561-0536

PERFORMED AT: DR - COLUMBIA
 CERTIFICATION: SCDHEC: 40569

PROJECT : ETHANOL ASSAY -- LOT #17803

CREATED ON : 6/5/2017

ORDER ID: **170605X101**

REPORT TO : REPCO MARKETING
 Cecil Garner
 3101-188 Stonybrook Drive
 Raleigh NC 27604

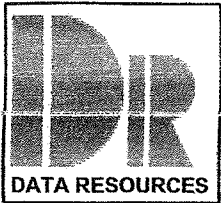
CUSTOMER ID : REPCO
 JOB ID : 72

EPA REGULATION : NON REGULATORY
 EPA COMPLIANCE : NON COMPLIANT

SITE	MATRIX	C/G	COLLECTION TIMESTAMP	CONTAINER ID	QTY	CONTAINER: DESCRIPTION		
						TYPE	SIZE	PRESERVATIVE HOLDING
BTL 3	LIQUID	GRAB	2017-05-25		1	Plastic	500 mL	NONE

TEST				PRIORITY	METHOD		
ETHANOL ASSAY				Normal	CUSTOM		
PARAMETER	ANALYSIS TIMESTAMP [AGED]	RESULT	QUAL	LIMIT HI LIMIT LO	PQL MDL	DILUTON INSTRUMENT	UNIT ANALYST
ETHANOL REPLICATE 1	2017-06-01 [7.00 days]	95.093		NA NA		1	mg/dL bewatt
ETHANOL REPLICATE 2	2017-06-01 [7.00 days]	95.349		NA NA		1	mg/dL bewatt
ETHANOL REPLICATE 3	2017-06-01 [7.00 days]	94.940		NA NA		1	mg/dL bewatt
ETHANOL AVERAGE	2017-06-01 [7.00 days]	95.127		NA NA		1	mg/dL bewatt

99



DATA PACKAGE

PERFORMED AT: DR - COLUMBIA
 CERTIFICATION: SCDHEC: 40569

DATA RESOURCES INC
 1410 ST ANDREWS RD - STE 200
 COLUMBIA SC 29210
 BUS: 803-561-0331
 FAX: 803-561-0536

PROJECT : ETHANOL ASSAY -- LOT #17803

CREATED ON : 6/5/2017

ORDER ID: : **170605X101**

REPORT TO : REPCO MARKETING
 Cecil Garner
 3101-188 Stonybrook Drive
 Raleigh NC 27604

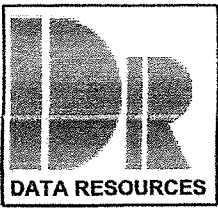
CUSTOMER ID : REPCO
 JOB ID : 72

EPA REGULATION : NON REGULATORY
 EPA COMPLIANCE : NON COMPLIANT

SITE						CONTAINER: DESCRIPTION		
MATRIX	C/G	COLLECTION TIMESTAMP	CONTAINER ID	QTY		TYPE	SIZE	PRESERVATIVE HOLDING
INHOUSE @ 100 mg/dL								
LIQUID	GRAB	2017-05-25		1		Plastic	500 mL	NONE

TEST				PRIORITY	METHOD		
ETHANOL ASSAY				Normal	CUSTOM		
PARAMETER	ANALYSIS TIMESTAMP [AGED]	RESULT	QUAL	LIMIT HI LIMIT LO	PQL MDL	DILUTON INSTRUMENT	UNIT ANALYST
ETHANOL REPLICATE 1	2017-06-01 [7.00 days]	100.900		NA NA		1	mg/dL bewatt
ETHANOL REPLICATE 2	2017-06-01 [7.00 days]	100.275		NA NA		1	mg/dL bewatt
ETHANOL REPLICATE 3	2017-06-01 [7.00 days]	98.775		NA NA		1	mg/dL bewatt
ETHANOL AVERAGE	2017-06-01 [7.00 days]	99.983		NA NA		1	mg/dL bewatt

99



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DATA RESOURCES INC
1410 ST ANDREWS RD - STE 200
COLUMBIA SC 29210
BUS: 803-561-0331
FAX: 803-561-0536

PROJECT : ETHANOL ASSAY -- LOT #17803

CREATED ON : 6/5/2017

ORDER ID: : **170605X101**

REPORT TO : REPCO MARKETING
Cecil Garner
3101-188 Stonybrook Drive
Raleigh NC 27604

CUSTOMER ID : REPCO
JOB ID : 72

EPA REGULATION : NON REGULATORY
EPA COMPLIANCE : NON COMPLIANT

JOB COMMENTS:

=> No Evidence of contamination was seen.



DATA PACKAGE

DATA RESOURCES INC
1410 ST ANDREWS RD - STE 200
COLUMBIA SC 29210
BUS: 803-561-0331
FAX: 803-561-0536

PROJECT : ETHANOL ASSAY -- LOT #17803
CREATED ON : 6/5/2017

ORDER ID : **170605X101**

REPORT TO : REPCO MARKETING
Cecil Garner
3101-188 Stonybrook Drive
Raleigh NC 27604

CUSTOMER ID : REPCO
JOB ID : 72

EPA REGULATION : NON REGULATORY
EPA COMPLIANCE : NON COMPLIANT

REPORT FIELDS DEFINED:

ANALYSIS or SERVICE PERFORMED = The Requested analysis or service performed.

RESULT = The value or answer acquired from requested analysis or service performed.

BDL (Below Detection Limit) indicates result is below listed RDL.

ND (Not Detected) indicates result is below listed MDL.

< (Less than symbol) indicates that result is lower than value reported

> (Greater than symbol) indicates that result is higher than value reported

UNIT = Unit of measure.

dwb = Identifies result value as Dry Weight Basis.

QUAL = Additional qualification on result [See DATA QUALIFIERS DEFINED section].

RDL = (Reportable Detection Limit) The lowest calibrated result achievable by stated analytical method.

MDL = (Method Detection Limit) The lowest result achievable by stated analytical method.

METHOD = The stated methodology employed for the analysis or service performed.

ANALYSIS D/T = The date and time when analysis or service was performed.

ANALYST LOCATOR= The analyst and location that performed the analysis or service. All work is performed by a division of Data Resources Inc. unless alternate certification number is provided in this field.

PRIORITY = The requested turn-around priority.

DATA QUALIFIERS DEFINED:

C = Analytical result has been confirmed with multiple analyses.

I = Estimated result, result is < RDL but > MDL.

JC = See Job Comments.

J1 = In replicate analyses surrogate recoveries (2 or more for acid fraction, 2 or more for base/neutral fraction, 1 or more for volatile fraction) were out of range but > 10%. The result is an estimated value.

J2 = In replicate analyses surrogate recoveries (2 or more for acid fraction, 2 or more for base/neutral fraction, 1 or more for volatile fraction) were out of range and < 10%. The result is an estimated value.

J3 = In replicate analyses internal standard area counts were out of range. The result is an estimated value.

OH = Holding Time expired prior to analysis

OH2 = Holding Time expired prior to re-analysis. Initial analysis was performed in holding but with estimated results.

M1 = The MS %R is outside acceptable control limits. However, MS/MSD RPD is in acceptable control limits.

2:1 = The BOD reported result failed to meet the Two One Rule.

SC = See Sample Comments.

2-CHLOROETHYLVINYLEETHER -vs- **2-CHLOROETHYLVINYLEETHER NOTED ON ANALYSIS REPORT:

Past studies show that 2-Chloroethylvinylether undergoes hydrolysis when collected in preserved (HCl to pH<2) VOC vials. SCDHEC requires a sampling protocol to involve NON-preserved VOC vials when this parameter is needed. To provide the best quality data for this parameter, DR will perform a separate analysis at an additional cost. Should you request this parameter and only provide preserved VOC vials, the analysis of this parameter will be performed and the parameter identity prefixed with ** to identify this potential issue occurring.

AROCHLOR RESULTS:

Any positive Arochlor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L).

LABORATORY pH, CHLORINE, and TEMPERATURE RESULTS:

If analysis occurs in the lab in excess of 15 minutes of collection, then the result MAY NOT be used for compliance.

ACCESS THIS INFORMATION ONLINE: Go to <http://DataResourcesInc.com> and choose the menu option "CUSTOMER LOGIN"



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