REVIEWED

By Galina Giso at 7:30 am, Jul 28, 2021

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11378 Analytical Method(s): 1.0

Volatiles Quality Assurance Controls Run Date(s): 7/26/21

calibration 7/19/21

Expiration Lot # Target Jul-23 1907006 0.07		0, 20	
1907006 0.07	Level 2	Level 1	Control level
Target	Jul-23	Jul-23	Expiration
Target 0.070	1907007	1907006	Lot#
	0.2170	0.07	Target
	0.1953-0.2387	0.0688-0.	Acceptable
Value Acceptable 764 0.0688-0.	2387	0840	Range
Acceptable Range Overall Results 0.0760 g/100c 0.0688-0.0840 0.0788 g/100c g/100c	0.2049 g/100cc g/100cc g/100cc	0.0760 g/100cc 0.0788 g/100cc g/100cc	Overall Results

			Ву	Gá	alir	ıa (Gis
500	400	300	200	100	50	Calibrator level	Ethanol Ca
0.500	0.400	0.300	0.200	0.100	0.050	Target Value	Ethanol Calibration Reference Material
0.450 - 0.550	0.360 - 0.440	0.270 - 0.330	0.180 - 0.220	0.090 - 0.110	0.045 - 0.055	Acceptable Range	_
0.5021		0.2977	0.1973	0.0998	0.0529	Column 1	
0.5019		0.2983	0.1972	0.0995	0.0530	Column 2	
0.0002	0	0.0006	0.0001	0.0003	0.0001	olumn 1 Column 2 Precision	
0.5020	#DIV/0!	0.2980	0.1972	0.0996	0.0529	Mean	

3

Revision: 2

Control level

Aqueous Controls

Target Value

Acceptable Range

Overall Results

0.076 - 0.084

0.083

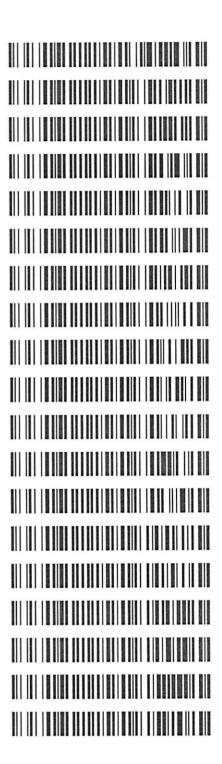
g/100cc

0.080

80

Worklist: 5127

LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION
M2021-3133	1	BCK	Alcohol Analysis
M2021-3211	1	вск	Alcohol Analysis
M2021-3212	1	BCK	Alcohol Analysis
M2021-3213	1	вск	Alcohol Analysis
M2021-3214	1	вск	Alcohol Analysis
M2021-3215	1	BCK	Alcohol Analysis
M2021-3216	1	вск	Alcohol Analysis
M2021-3226	1	вск	Alcohol Analysis
M2021-3227	1	вск	Alcohol Analysis
M2021-3228	1	вск	Alcohol Analysis
M2021-3229	1	вск	Alcohol Analysis
M2021-3235	1	вск	Alcohol Analysis
M2021-3236	1	вск	Alcohol Analysis
M2021-3244	1	вск	Alcohol Analysis
M2021-3245	1	вск	Alcohol Analysis
M2021-3246	1	вск	Alcohol Analysis
M2021-3247	1	вск	Alcohol Analysis
M2021-3254	1	вск	Alcohol Analysis
M2021-3255	1	вск	Alcohol Analysis





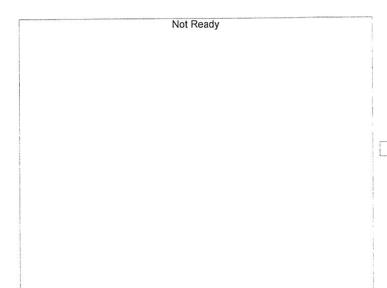
Calibration Table

Laboratory : MERIDIAN
Instrument Name : GC-HS
Instrument Serial # : C12595800409 / C12255750548

<<Data File>> Method File Batch File

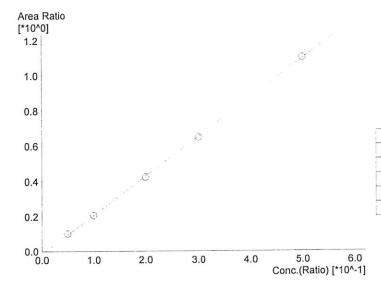
:C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
:C:\LabSolutions\Data\210719\CALIBRATION\CALCURVE_TEMPLATE.gcb
:7/19/2021 3:55:02 PM
:7/19/2021 3:59:24 PM

Date Acquired Date Created :7/19/2021 3:58:04 PM **Date Modified**



Name: Methanol Detector Name: FID1 Function : f(x)=0*x+0R^2 value= 0 FitType: Linear ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



Name: Ethanol Detector Name: FID1 Function: f(x)=2.22643*x-0.0164228R^2 value= 0.9998057

FitType: Linear ZeroThrough: Not Through

	#	Conc.	Area	Std. Conc.
	1	0.050	20182	0.0529
	2	0.100	41028	0.0998
	3	0.200	83046	0.1973
	4	0.300	127362	0.2977
_	5	0.500	225269	0.5021

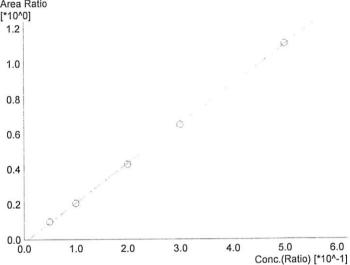


Not Ready	Name : Isopropyl Alcohol Detector Name: FID1 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.
Not Ready	Name : Acetone Detector Name: FID1 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.
	Name : Fluor. Hydrocarbon(s)
Not Ready	Detector Name: FID1 Function: f(x)=0*x+0 R*2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.

Area Ratio
[*10^0]
1.2

Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Cond	: .
#	Conc.	Alea	olu. C	OHIC



Detector Name: FID2
Function: $f(x)=2.24810*x-0.0188207$
R^2 value= 0.9998173
FitType: Linear
ZeroThrough: Not Through

Name: Ethanol

#	Conc.	Area	Std. Conc.
1	0.050	17817	0.0530
2	0.100	36452	0.0995
3	0.200	74519	0.1972
4	0.300	114785	0.2983
5	0.500	203004	0.5019

Not Ready

Name : Acetone
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

Conc. Area Std. Conc.



Not Ready	Name: Isopropyl Alcohol Detector Name: FID2 Function: f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.
Not Ready	Name : Flour. Hydrocarbon(s) Detector Name: FID2 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.

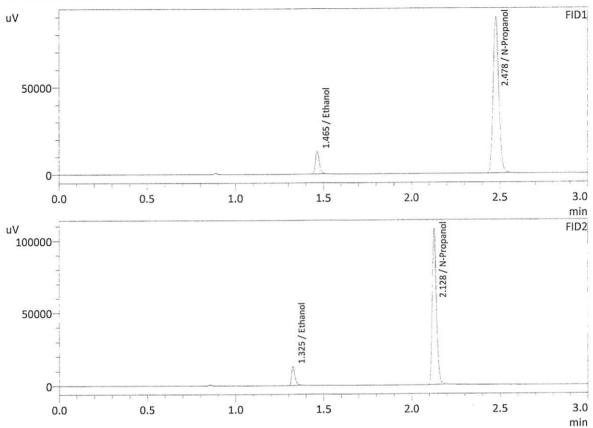


: 0.050 : Meridian

: 7/19/2021 3:23:53 PM

Method Filename Instrument #GC/HS

: 1 : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



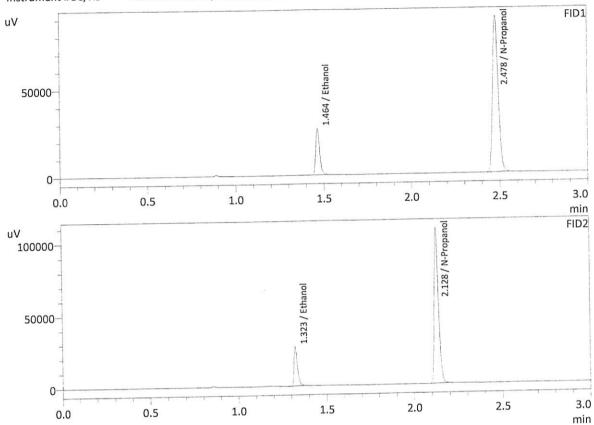
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0529	20182	g/100cc
Isopropyl Alcohol			g/100cc
Acetone	-		g/100cc
N-Propanol	0.0000	199074	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0530	17817	g/100cc
Acetone			g/100cc
Isopropyl Alcohol		(22)	g/100cc
N-Propanol	0.0000	177528	g/100cc
Flour. Hydrocarbon(s)			g/100cc



Method Filename Instrument #GC/HS

: 0.100 : Meridian : 7/19/2021 3:31:14 PM : 2 : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0998	41028	g/100cc
			g/100cc
Isopropyl Alcohol			g/100cc
Acetone		199370	g/100cc
N-Propanol	0.0000		g/100cc
Fluor. Hydrocarbon(s)			6/10000

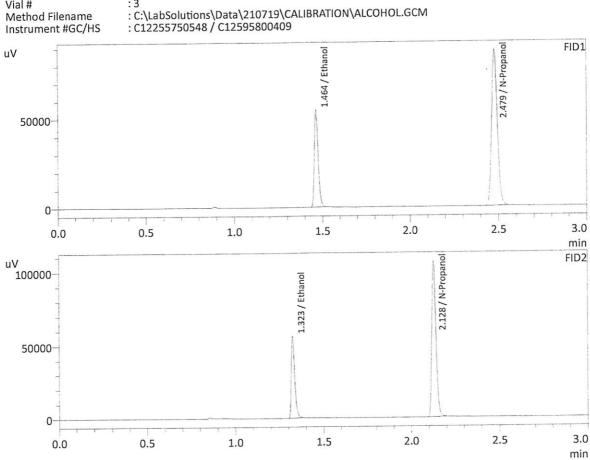
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0995	36452	g/100cc
Acetone			g/100cc
			g/100cc
Isopropyl Alcohol		177896	g/100cc
N-Propanol	0.0000	177830	g/100cc
Flour. Hydrocarbon(s)			g/100cc



: 0.200 : Meridian

: 7/19/2021 3:38:50 PM

Vial # Method Filename Instrument #GC/HS



Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.1973	83046	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	196315	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol	<u></u>	HATE:	g/100cc
Ethanol	0.1972	74519	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	175496	g/100cc
Flour. Hydrocarbon(s)			g/100cc

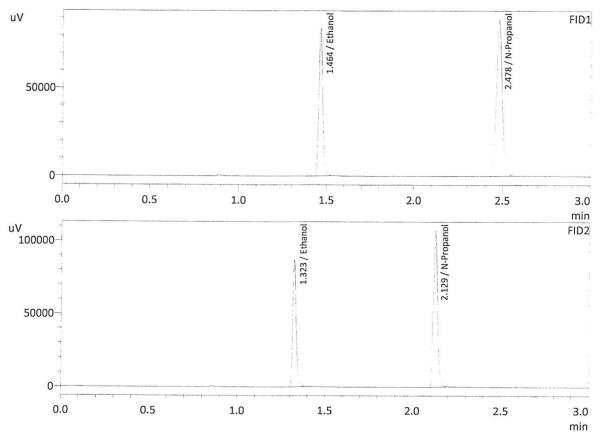


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Method Filename

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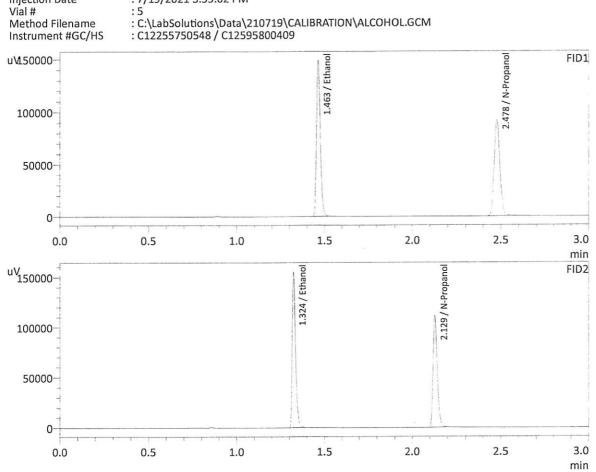
Name	Conc.	Area	Unit
Methanol	-		g/100cc
Ethanol	0.2977	127362	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	196986	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2983	114785	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	176104	g/100cc
Flour. Hydrocarbon(s)		1.55	g/100cc



: 0.500 : Meridian : 7/19/2021 3:55:02 PM

Vial # Method Filename Instrument #GC/HS



Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.5021	225269	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	204504	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.5019	203004	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	182964	g/100cc
Flour. Hydrocarbon(s)			g/100cc

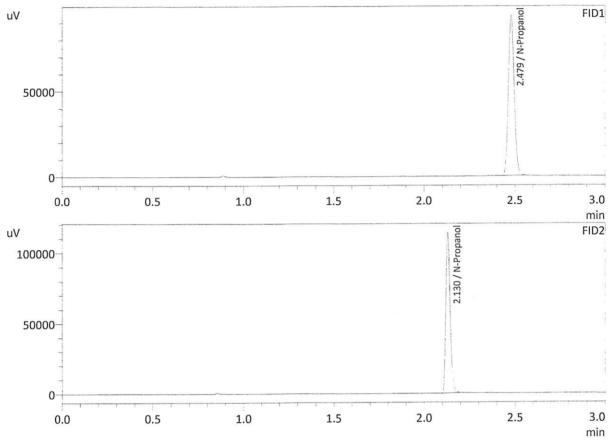


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Method Filename

: C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol			g/100cc
Isopropyl Alcohol		-	g/100cc
Acetone			g/100cc
N-Propanol	0.0000	209819	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol			g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	187419	g/100cc
Flour. Hydrocarbon(s)			g/100cc



Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548 Shimadzu HS-20 Serial #C12595800409 Lab Solutions Software Ver. 5.99 Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL.GCM
2	0.100	1:Standard	2	ALCOHOL.GCM
3	0.200	1:Standard	3	ALCOHOL.GCM
4	0.300	1:Standard	4	ALCOHOL.GCM
5	0.500	1:Standard	5	ALCOHOL.GCM
6	INT STD BLNK	0:Unknown	0	ALCOHOL.GCM



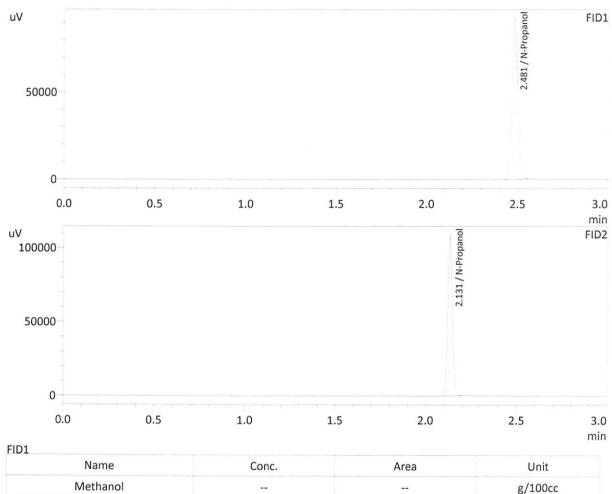
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: Meridian : 7/26/2021 1:14:21 PM

Vial #

Method Filename

: 7/20/2021 1.14.21 PM : 1 : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



Name	Conc.	Area	Unit
Methanol		1221	g/100cc
Ethanol			g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	202491	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol			g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	179249	g/100cc
Flour. Hydrocarbon(s)			g/100cc



: MIXED VOLATILES FN 07101701

: Meridian

: 7/26/2021 1:21:41 PM : 2

Method Filename Instrument #GC/HS

: C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409

uV		0346 / C12393800			_	o o	-	FID:
100000 50000		1.159 / Methanol		1.466 / Ethanol	1.794 / Isopropyl Alcohol	1.953 / Acetone	2.482 / N-Propanol	FID
0.0	0.5	1.0		1.5	2	.0	2.5	3.0
100000 50000		1.105 / Methanol	1.328 / Ethanol	1.432 / Acetone 1.516 / Isopropyl Alcohol		2.134 / N-Propanol		mir FID2
0.0	0.5	1.0		1.5	2	.0	2.5	3.0 min
FID1 Nam	20	Conc.			A + 0 0		I I a la	
Metha		0.0000			Area 30367		Unit g/100cc	
Ethar		0.1151			63421		g/100cc g/100cc	
Isopropyl		0.0000				g/100cc g/100cc		
Aceto		0.0000	O.		g/100cc			
N-Prop		0.0000			264350		g/100cc	
Fluor. Hydro				g/100cc				
FID2								
Nam	е	Conc.			Area		Unit	
Metha	nol	0.0000		28431			g/100cc	
Ethan	nol	0.1184			57981		g/100cc	
Aceto	ne	0.0000			206711		g/100cc	
Isopropyl A	Alcohol	0.0000			104665		g/100cc	
N-Propa	anol	0.0000			234363		g/100cc	
Flour. Hydrod	carbon(s)						g/100cc	



VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1-1 Analysis Date(s): 7/26/21

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0750	0.0751	0.0001	0.0750	0.0020	0.0760
(g/100cc)	0.0766	0.0774	0.0008	0.0770	0.0020	0.0700

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results	Uncertainty of Measurement (UM%): 5.00%			
Overall Mean (g/100cc)	Low	High	5% of Mean	
0.076	0.072	0.080	0.004	

Reported Result	
0.076	

Page: 1 of 1

Calibration and control data are stored centrally.

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Revision: 3

Issue Date: 12/28/2020 Issuing Authority: Quality Manager

Sample Name Laboratory : QC-1-1-A : Meridian

Injection Date

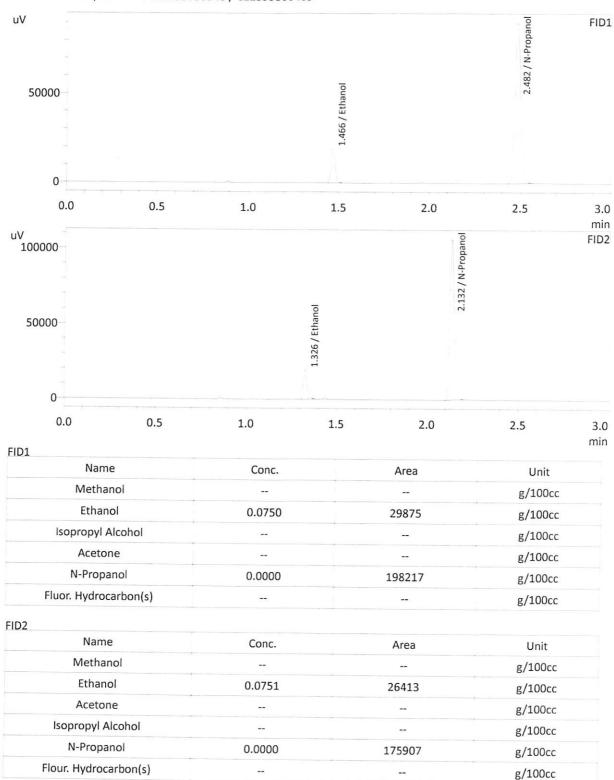
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Vial #

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: 3

Method Filename Instrument #GC/HS : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409





Sample Name Laboratory Injection Date Vial # : QC-1-1-B

: Meridian : 7/26/2021 1:37:58 PM

: 4 : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409 Method Filename

uV 50000			1.466 / Ethanol		2.482 / N-Propanol	FID1
0					J 1	
0.0	0.5	1.0	1.5	2.0	2.5	3.0
uV 100000 50000			1.327 / Ethanol	2.132 / N-Propanol		min FID2
0.0	0.5	1.0	1.5	2.0	2.5	3.0 min
FID1 Nam	ie	Conc.		Area	Unit	
Metha					g/100cc	
Ethar		0.0766		31377	g/100cc	
Isopropyl					g/100cc	
Aceto	ne				g/100cc	
N-Propa	anol	0.0000		203500	g/100cc	
Fluor. Hydro	carbon(s)				g/100cc	
FID2						
Nam	e	Conc.		Area	Unit	
Metha	nol				g/100cc	
Ethan	ol	0.0774		28040	g/100cc	
Aceto	ne				g/100cc	
Isopropyl A	Alcohol				g/100cc	
N-Propa	anol	0.0000		180534	g/100cc	
Flour. Hydrod	carbon(s)				g/100cc	



VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.080 QA Analysis Date(s): 7/26/21

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0826	0.0834	0.0008	0.0830	0.0001	0.0830
(g/100cc)	0.0826	0.0836	0.0010	0.0831	0.0001	0.0830

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results	Uncertainty of Measurement (UM%): 5.00%			
Overall Mean (g/100cc)	Low	High	5% of Mean	
0.083	0.078	0.088	0.005	

Reported Result	
0.083	

Page: 1 of 1

Calibration and control data are stored centrally.

Revision: 3

Issue Date: 12/28/2020

Issuing Authority: Quality Manager

Sample Name Laboratory Injection Date Vial # : 0.08 QA-A : Meridian

Method Filename

: 7/26/2021 1:45:36 PM : 5 : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409

50000			1.466 / Ethanol			2.482 / N-Propanol	FID1
0.0	0.5	1.0	1.5	2.0		2.5	3.0
uV 100000 50000			1.327 / Ethanol		2.132 / N-Propanol		min FID2
0.0	0.5	1.0	1.5	2.0		2.5	3.0 min
FID1 Nam	ne	Conc.		Area		Unit	
Metha						g/100cc	
Ethar		0.0826		32690		g/100cc g/100cc	
Isopropyl						g/100cc	
Aceto						g/100cc	
N-Prop		0.0000		195180		g/100cc	
Fluor. Hydro						g/100cc	
						8/10000	
FID2 Nam	е	Conc.		Area		Unit	
Metha					g/100cc		
Ethan		0.0834 29244			g/100cc		
Aceto						g/100cc g/100cc	
						8/10000	
Isopropyl A	Alcohol					g/100cc	
Isopropyl A N-Propa		0.0000		173222		g/100cc g/100cc	

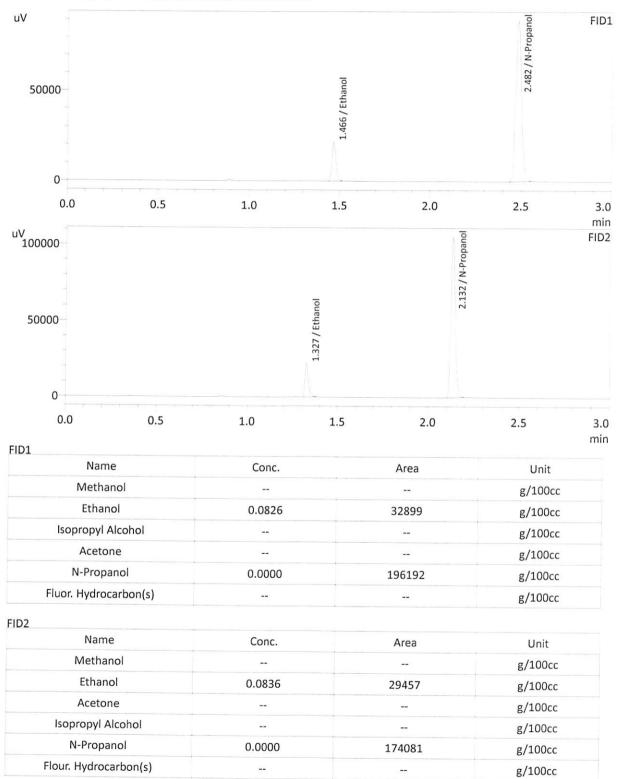


Sample Name : 0.08 QA-B Laboratory : Meridian

Injection Date : 7/26/2021 1:53:44 PM Vial #

: 6

: C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409 Method Filename





VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2-1 Analysis Date(s): 7/26/21

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2039	0.2067	0.0028	0.2053	0.0007	0.2049
(g/100cc)	0.2035	0.2058	0.0023	0.2046	0.0007	0.2049

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results	Uncertainty of Measurement (UM%): 5.00%			
Overall Mean (g/100cc)	Low	High	5% of Mean	
0.204	0.193	0.215	0.011	

Reported Result	
0.204	

Calibration and control data are stored centrally.

Revision: 3

Issue Date: 12/28/2020

Volatiles Determination Casefile Worksheet Page: 1 of 1 Issuing Authority: Quality Manager

Sample Name Laboratory Injection Date Vial # Method Filename Instrument #GC/HS

: QC-2-1-A : Meridian : 7/26/2021 4:26:46 PM : 25 : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409

·		500 85 1 355 -				
uV ₁₀₀₀₀₀			1.467 / Ethanol		2.483 / N-Propanol	FID1
50000						
0.0	0.5	1.0	1.5	2.0	2.5	3.0
100000 50000			1.327 / Ethanol	2 132 / N. Drongard		min FID2
0.0	0.5	1.0	1.5	2.0	2.5	3.0 min
FID1 Nam	10	Conc.		Area	Unit	
Metha					g/100cc	
Ethar		0.2039		98390	g/100cc	
Isopropyl					g/100cc	
Aceto					g/100cc	
N-Prop	anol	0.0000		224772	g/100cc	
Fluor. Hydro	carbon(s)				g/100cc	
FID2			,			
Nam	e	Conc.		Area	Unit	
Metha	nol				g/100cc	
Ethan	ol	0.2067		89045	g/100cc	
Aceto	ne				g/100cc	
Isopropyl A	Alcohol				g/100cc	
N-Propa	anol	0.0000		199689	g/100cc	
Flour. Hydrod	carbon(s)				g/100cc	



: QC-2-1-B

: Meridian : 7/26/2021 4:34:02 PM

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Method Filename Instrument #GC/HS : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409

uV ₁₀₀₀₀₀			1.466 / Ethanol		2.483 / N-Propanol	FID1
0						
0.0	0.5	1.0	1.5	2.0	2.5	3.0 min
100000 50000			1.327 / Ethanol	2.131 / N-Propanol		FID2
0.0 FID1	0.5	1.0	1.5	2.0	2.5	3.0 min
Nam	е	Conc.		Area	Unit	
Metha	nol				g/100cc	
Ethar	iol	0.2035		98386	g/100cc	
Isopropyl	Alcohol				g/100cc	
Aceto	ne				g/100cc	
N-Propa	anol	0.0000		225214	g/100cc	
Fluor. Hydro	carbon(s)				g/100cc	
FID2	*				The second secon	
Nam	e	Conc.		Area	Unit	
Metha	nol				g/100cc	
Ethan	ol	0.2058		88893	g/100cc	
Aceto	ne				g/100cc	
Isopropul /	Alcohol			=	g/100cc	
isopiopyi A					U. =	
N-Propa	inol	0.0000		200252	g/100cc	



VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1-2 Analysis Date(s): 7/26/21

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0780	0.0792	0.0012	0.0786	0.0005	0.0788
(g/100cc)	0.0785	0.0798	0.0013	0.0791	0.0003	0.0788

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results	Uncertainty of Measurement (UM%): 5.00%			
Overall Mean (g/100cc)	Low	High	5% of Mean	
0.078	0.074	0.082	0.004	

Reported Result	
0.078	

Page: 1 of 1

Calibration and control data are stored centrally.

M

Revision: 3 Issue Date: 12/28/2020

Issuing Authority: Quality Manager

Sample Name Laboratory

: QC1-2-A : Meridian

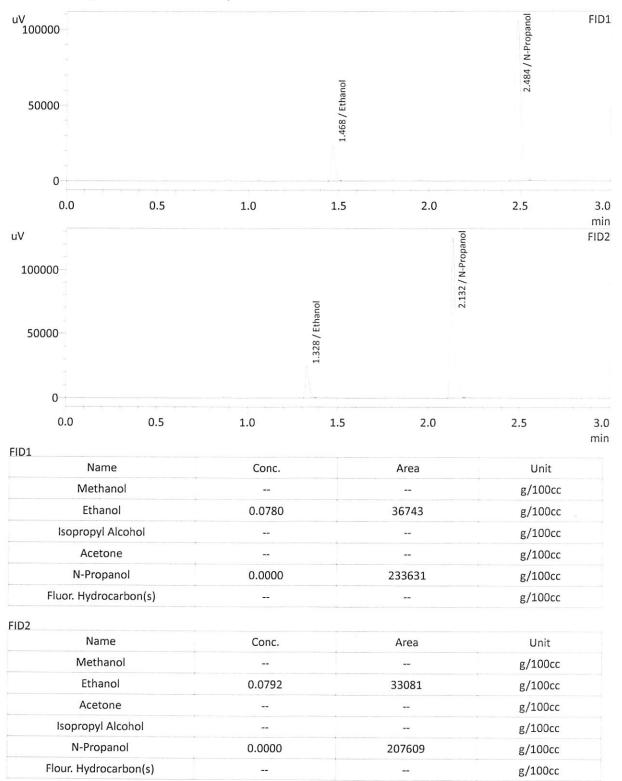
Injection Date

: 7/26/2021 7:22:31 PM

Vial #

: 47

Method Filename Instrument #GC/HS : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409





: QC1-2-B : Meridian : 7/26/2021 7:30:56 PM : 48 : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409 Method Filename Instrument #GC/HS

uV 100000- 50000				1.467 / Ethanol		2.484 / N-Propanol	FID1
0-	0.0	0.5	1.0	1.5	2.0	2.5	3.0
	,.0	0.5	_,-	077,070			min
uV 100000 50000				1.328 / Ethanol	2.132 / N-Propanol		FID2
				1.32			
	*						
0					-		
(0.0	0.5	1.0	1.5	2.0	2.5	3.0 min
	0.0	0.5	1.0	1.5			3.0 min
FID1	0.0 Name	0.5	1.0 Conc.	1.5	2.0 Area	Unit	
		0.5		1.5	Area 	Unit g/100cc	
	Name	0.5	Conc.	1.5	Area	Unit g/100cc g/100cc	
FID1	Name Methanol		Conc.	1.5	Area 	Unit g/100cc g/100cc g/100cc	
FID1	Name Methanol Ethanol		Conc. 0.0785	1.5	Area 38936 	Unit g/100cc g/100cc g/100cc g/100cc	
FID1	Name Methanol Ethanol Isopropyl Alco	hol	Conc. 0.0785 	1.5	Area 38936 	Unit g/100cc g/100cc g/100cc g/100cc g/100cc	
FID1	Name Methanol Ethanol Isopropyl Alco Acetone	hol	Conc. 0.0785 	1.5	Area 38936 	Unit g/100cc g/100cc g/100cc g/100cc	
FID1	Name Methanol Ethanol Isopropyl Alco Acetone N-Propanol	hol	Conc 0.0785 0.0000	1.5	Area 38936 245789	Unit g/100cc g/100cc g/100cc g/100cc g/100cc g/100cc	
FID1	Name Methanol Ethanol Isopropyl Alco Acetone N-Propanol	hol	Conc 0.0785 0.0000	1.5	Area 38936 245789	Unit g/100cc g/100cc g/100cc g/100cc g/100cc g/100cc Unit	
FID1	Name Methanol Ethanol Isopropyl Alco Acetone N-Propanol uor. Hydrocarb	hol	Conc 0.0785 0.0000	1.5	Area 38936 245789 Area	Unit g/100cc g/100cc g/100cc g/100cc g/100cc g/100cc Unit g/100cc	
FID1	Name Methanol Ethanol Isopropyl Alco Acetone N-Propanol uor. Hydrocarb	hol	Conc 0.0785 0.0000	1.5	Area 38936 245789 Area	Unit g/100cc g/100cc g/100cc g/100cc g/100cc Unit g/100cc g/100cc	
FID1	Name Methanol Ethanol Isopropyl Alco Acetone N-Propanol Juor. Hydrocarb Name Methanol	hol	Conc 0.0785 0.0000 Conc	1.5	Area 38936 245789 Area	Unit g/100cc	
FID1 FILE FID2	Name Methanol Ethanol Isopropyl Alco Acetone N-Propanol uor. Hydrocarb Name Methanol Ethanol	hol pon(s)	Conc 0.0785 0.0000 Conc 0.0798	1.5	Area 38936 245789 Area 35070	Unit g/100cc g/100cc g/100cc g/100cc g/100cc Unit g/100cc g/100cc g/100cc g/100cc	
FID1 FILE FID2	Name Methanol Ethanol Isopropyl Alco Acetone N-Propanol uor. Hydrocarb Name Methanol Ethanol Acetone	hol non(s)	Conc 0.0785 0.0000 Conc 0.0798	1.5	Area 38936 245789 Area 35070	Unit g/100cc	



Sample Name Laboratory Injection Date : INT STD BLNK

: Meridian : 7/26/2021 7:38:39 PM

Vial #

: 49 : C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409 Method Filename Instrument #GC/HS

uV 100000 50000					2.483 / N-Propanol	FID1
0						
0.0	0.5	1.0	1.5	2.0	2.5	3.0
	0.5	1.0	1.5	2.0	2.0	min
uV 100000				2.132 / N-Propanol		FID2
50000						
0.0	0.5	1.0	1.5	2.0	2.5	3.0 min
FID1 Nan	20	Conc.		Area	Unit	
		conc.		Aica	Offic	
	anol				g/100cc	
	anol				g/100cc	
Etha	nol				g/100cc	
Ethai Isopropyl	nol Alcohol				g/100cc g/100cc	
Ethai Isopropyl Aceto	Alcohol one	 		-	g/100cc g/100cc g/100cc	
Ethai Isopropyl	Alcohol one banol				g/100cc g/100cc	
Ethai Isopropyl Aceto N-Prop Fluor. Hydro	Alcohol one banol	 0.0000		 247826	g/100cc g/100cc g/100cc g/100cc	
Ethai Isopropyl Aceto N-Prop	Alcohol one oanol ocarbon(s)	 0.0000		 247826	g/100cc g/100cc g/100cc g/100cc	
Ethai Isopropyl Aceto N-Prop Fluor. Hydro	Alcohol one oanol ocarbon(s)	0.0000		 247826 	g/100cc g/100cc g/100cc g/100cc g/100cc	
Ethai Isopropyl Aceto N-Prop Fluor. Hydro FID2 Nam	Alcohol one oanol ocarbon(s)	 0.0000 Conc.		 247826 	g/100cc g/100cc g/100cc g/100cc g/100cc	
Ethai Isopropyl Aceto N-Prop Fluor. Hydro FID2 Nam Metha	Alcohol Alcohol one banol ocarbon(s) ne anol nol	 0.0000 Conc.		 247826 Area	g/100cc g/100cc g/100cc g/100cc g/100cc	
Ethai Isopropyl Aceto N-Prop Fluor. Hydro Nam Metha Ethai	Alcohol one oanol ocarbon(s) ne anol one	 0.0000 Conc.		 247826 Area 	g/100cc g/100cc g/100cc g/100cc g/100cc Unit g/100cc g/100cc	
Ethai Isopropyl Aceto N-Prop Fluor. Hydro FID2 Nam Metha Ethai	Alcohol Alcohol Done Donarbon(s) Done Donarbon(s) Done Alcohol	 0.0000 Conc.		 247826 Area 	g/100cc g/100cc g/100cc g/100cc g/100cc Unit g/100cc g/100cc	



Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548 Shimadzu HS-20 Serial #C12595800409 Lab Solutions Software Ver. 5.99 Copyright (C) 2008-2020 Shimadzu Corporation

7.01		V 1 1 2011
Vial#	Sample Name	Method File
1	INT STD BLK 1	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
2	ED VOLATILES FN 071	0 C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
2 3	OC-1-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
4	OC-1-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
5	0.08 OA-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
6	0.08 OA-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
7	M2021-3133-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
8	M2021-3133-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
9	M2021-3211-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
10	M2021-3211-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
11	M2021-3212-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
12	M2021-3212-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
13	M2021-3213-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
14	M2021-3213-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
15	M2021-3213-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
16	M2021-3214-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
17	M2021-3215-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
18	M2021-3215-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
19	M2021-3215-1-B M2021-3216-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
20	M2021-3216-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
21	M2021-3210-1-B M2021-3226-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
22	M2021-3226-1-A M2021-3226-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
23	M2021-3220-1-B M2021-3227-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
24	M2021-3227-1-A M2021-3227-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
25	OC-2-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
	OC-2-1-A OC-2-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
26 27	M2021-3228-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
28		C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
29	M2021-3228-1-B M2021-3229-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
30	M2021-3229-1-A M2021-3229-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
30	M2021-3235-1-A	C.\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
31		C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
32	M2021-3235-1-B M2021-3236-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
33	M2021-3230-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
34	M2021-3236-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
35	M2021-3244-1-A M2021-3244-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
36 37		C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
	M2021-3245-1-A	
38	M2021-3245-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
39	M2021-3246-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
40	M2021-3246-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
41	M2021-3247-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
42	M2021-3247-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
43	M2021-3254-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
44	M2021-3254-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
45	M2021-3255-1-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
46	M2021-3255-1-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
47	QC1-2-A	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
48	QC1-2-B	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM
49	INT STD BLNK	C:\LabSolutions\Data\210719\CALIBRATION\ALCOHOL.GCM

