# Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

## Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11378

**Volatiles Quality Assurance Controls** Run Date(s): 12/20/21

Calibration Date: 12/17/21

0.99979	Column2	0.99976	Column 1		Curve Fit:	
	FN07101701	Lot# F			nent mixture:	Multi-Component mixture:
g/100cc						
g/100cc	0.1953-0.2387		0.2170	1907007	Jul-21	Level 2
0.2119 g/100cc						
g/100cc						
0.0761 g/100cc	0.0688-0.0840		0.0764	1907006	Jul-21	Level 1
0.0727 g/100cc						
Acceptable Range   Overall Results	eptable Range		Target Value	Lot#	Expiration	Control level
	atc. 12/11/21	Carroration Da				

By Tamara Salazar at 2:51 pm, Dec 22, 2021

**BENIEMED** 

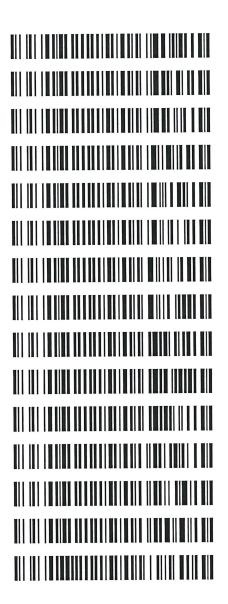
Ethanol Calibration  Calibrator level T	50		100	100 200	100 200 300	100 200 300 400
Ethanol Calibration Reference Material for level Target Value	0.050	0.030	0.100	0.100 0.200	0.100 0.200 0.300	0.030 0.100 0.200 0.300 0.400
Acceptable Range	0.045 - 0.055		0.090 - 0.110	0.090 - 0.110 0.180 - 0.220	0.090 - 0.110 0.180 - 0.220 0.270 - 0.330	0.090 - 0.110 0.180 - 0.220 0.270 - 0.330 0.360 - 0.440
Column 1	0.0511		0.1019	0.1019 0.1951	0.1019 0.1951 0.3007	0.1019 0.1951 0.3007
Column 2	0.0503		0.1020	0.1020 0.1956	0.1020 0.1956 0.3016	0.1020 0.1956 0.3016
Column 1 Column 2 Precision Mean	0.0008		1E-04	1E-04 0.0005	1E-04 0.0005 0.0009	1E-04 0.0005 0.0009 0
Mean	0.0507		0.1019	0.1019 0.1953	0.1019 0.1953 0.3011	0.1019 0.1953 0.3011 #DIV/0!

0.077 g/100cc	0.076 - 0.084	0.080	80
Overall Results	Acceptable Range   Overall Results	Target Value	Control level
		Aqueous Controls	

BLALC Volatiles QA\_QC Data Spreadsheet-v5.xls

### Worklist: 5467

WOLKIIST. 24	01		
LAB CASE	<u>ITEM</u>	ITEM TYPE	<u>DESCRIPTION</u>
M2021-5361	1	вск	Alcohol Analysis
M2021-5362	1	BCK	Alcohol Analysis
M2021-5363	1	вск	Alcohol Analysis
M2021-5397	1	вск	Alcohol Analysis
M2021-5405	1	вск	Alcohol Analysis
M2021-5406	1	вск	Alcohol Analysis
M2021-5429	1	вск	Alcohol Analysis
M2021-5430	1	BCK	Alcohol Analysis
M2021-5485	1	вск	Alcohol Analysis
M2021-5486	1	BCK	Alcohol Analysis
M2021-5487	1	вск	Alcohol Analysis
M2021-5495	1	вск	Alcohol Analysis
M2021-5503	1	вск	Alcohol Analysis
M2021-5515	1	вск	Alcohol Analysis
P2021-3938	1	BCK	Alcohol Analysis



Samples were originally run on 12/17/21. QC failure required that the samples were rerun.

JG 12/21/21

16

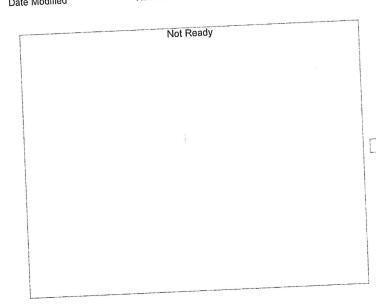
### Calibration Table

: MERIDIAN

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

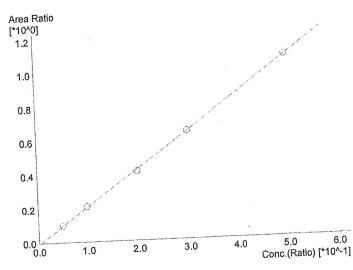
<<Data File>> Method File Batch File Date Acquired Date Created Date Modified

:C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM :C:\LabSolutions\Data\211217\CALIBRATION\CALCURVE\_TEMPLATE.gcb :12/17/2021 11:22:13 AM :12/17/2021 11:16:29 AM :12/17/2021 11:25:15 AM



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

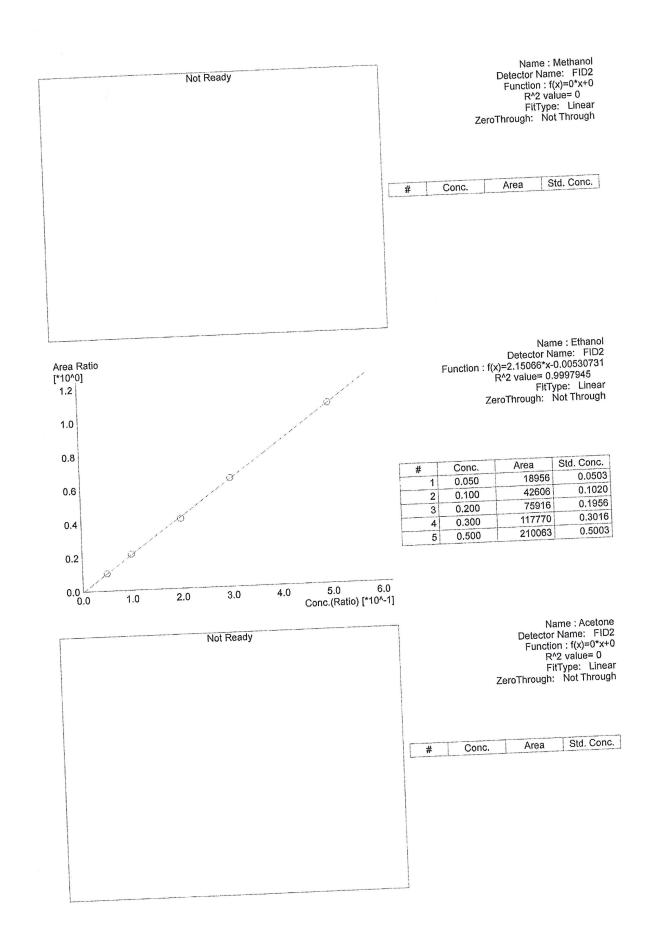
Std. Conc. Area Conc.



Name: Ethanol Detector Name: FID1
Function: f(x)=2.17383\*x-0.0968621 R^2 value= 0.9997600 FitType: Linear ZeroThrough: Not Through

ш [	Conc.	Area	Std. Conc.
#	0.050	20049	0.0511
		45451	0.1019
2	0.100	81616	0.1951
3	0.200		0.3007
4	0.300	127205	
5	0.500	229076	0.5010

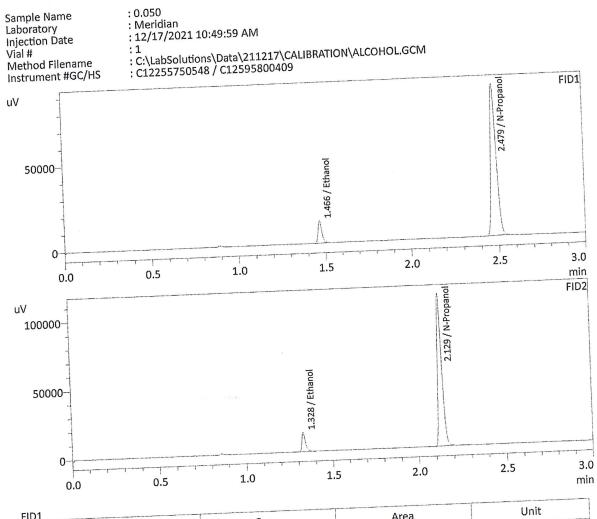
Not Ready	Name: Isopropyl Alcohol Detector Name: FID1 Function: f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.
. Not Ready	Name : Acetone Detector Name: FID1
. Not Ready	Function: f(x)=0*x+0 Function: f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.
Not Ready	Name : Fluor. Hydrocarbon(s) 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: Isopropyl Alcohol Detector Name: FID2 Function: f(x)=0*x+0 R*2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.
	# Conc. Area Std. Conc.
Not Ready	Name : Fluor. 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 : 12/17/2021 10:49:59 AM

: 1 : C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



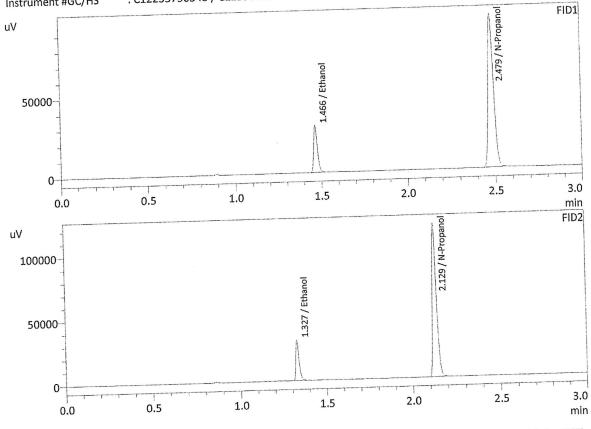
	Comp	Area	Unit
Name	Conc.		g/100cc
Methanol			
	0.0511	20049	g/100cc
Ethanol	The second secon		g/100cc
Isopropyl Alcohol	<b></b>		g/100cc
Acetone	See we		g/100cc
N-Propanol	0.0000	197363	
		m. m.	g/100cc
Fluor. Hydrocarbon(s)			

	Cana	Area	Unit
Name	Conc.		g/100cc
Methanol	par bar	18956	g/100cc
Ethanol	0.0503	18920	g/100cc
Acetone	**	## PM	
	AND THE PERSON NAMED IN COLUMN TO SERVICE AND THE PERSON NAMED IN COLUMN	gar Mar	g/100cc
Isopropyl Alcohol	0.000	183905	g/100cc
N-Propanol	0.0000		g/100cc
Fluor. Hydrocarbon(s)			

Sample Name Laboratory Injection Date Vial #

Method Filename Instrument #GC/HS

: 0.100 : Meridian : 12/17/2021 10:57:18 AM : 2 : C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



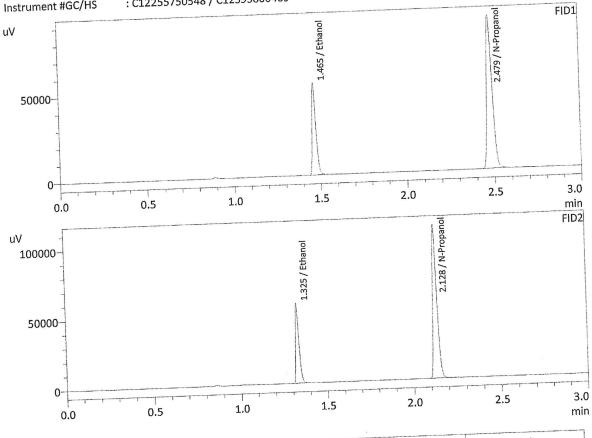
	Conc.	Area	Unit
Name	Conc.		g/100cc
Methanol	<del></del>		
	0.1019	45451	g/100cc
Ethanol	V, 2 V 2 V		g/100cc
Isopropyl Alcohol	es est		
Acetone	•••	-	g/100cc
	0.000	214420	g/100cc
N-Propanol	0.0000		g/100cc
Fluor. Hydrocarbon(s)	26.50		g/100cc

	Conc.	Area	Unit
Name	COIIC		g/100cc
Methanol	**		
Fthanol	0.1020	42606	g/100cc
	pai mi		g/100cc
Acetone		AA DA	g/100cc
Isopropyl Alcohol	NA AND		g/100cc
N-Propanol	0.0000	198981	
Fluor. Hydrocarbon(s)			g/100cc

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

: 0.200 : Meridian : 12/17/2021 11:04:49 AM

: S:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



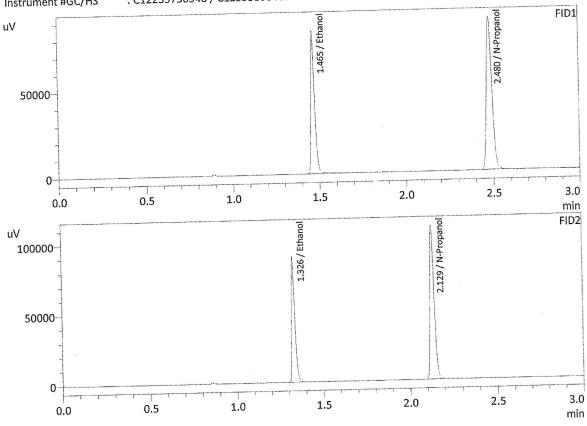
	C	Area	Unit
Name	Conc.		g/100cc
Methanol			g/100cc
Ethanol	0.1951	81616	
		Ang law	g/100cc
Isopropyl Alcohol			g/100cc
Acetone	and Am		g/100cc
N-Propanol	0.0000	196925	
			g/100cc
Fluor. Hydrocarbon(s)			

	Conc	Area	Unit
Name	Conc.		g/100cc
Methanol		75046	g/100cc
Ethanol	0.1956	75916	g/100cc
Acetone			
	T	AND AND	g/100cc
Isopropyl Alcohol	0.0000	182760	g/100cc
N-Propanol	0.0000		g/100cc
Fluor. Hydrocarbon(s)			

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

: 0.300 : Meridian : 12/17/2021 11:13:21 AM

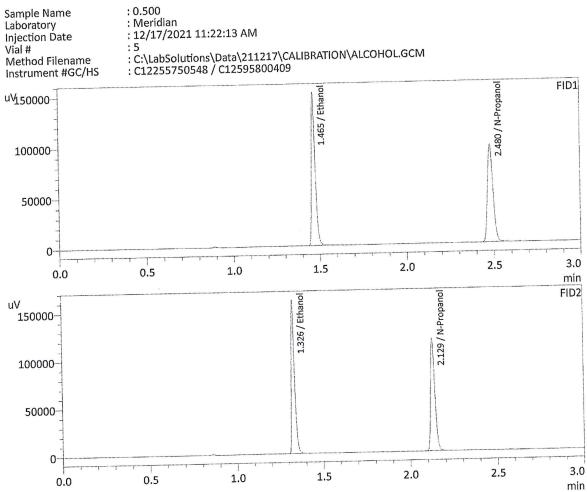
: 4 : C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM : C12255750548 / C12595800409



Name	Conc.	Area	Unit
	An An	-	g/100cc
Methanol	0.3007	127205	g/100cc
Ethanol	0.0007		g/100cc
Isopropyl Alcohol		we	g/100cc
Acetone		197509	g/100cc
N-Propanol	0.0000	197309	g/100cc
Fluor. Hydrocarbon(s)	-		8/100cc

Name	Conc.	Area	Unit
		***	g/100cc
Methanol	0.3016	117770	g/100cc
Ethanol	0,0010		g/100cc
Acetone			g/100cc
Isopropyl Alcohol	0.0000	183042	g/100cc
N-Propanol	0.0000	200012	g/100cc
Fluor. Hydrocarbon(s)			81

: 0.500 : Meridian

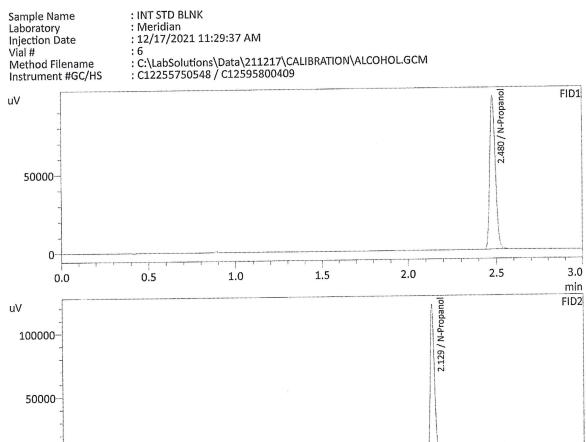


Name	Conc.	Area	Unit
Name			g/100cc
Methanol	0.5010	229076	g/100cc
Ethanol			g/100cc
Isopropyl Alcohol Acetone		lar Ser	g/100cc
N-Propanol	0.0000	212223	g/100cc
Fluor, Hydrocarbon(s)		mag jilig	g/100cc

Name	Conc.	Area	Unit
Methanol		<b></b>	g/100cc
Ethanol	0.5003	210063	g/100cc
Acetone	A. M.		g/100cc
Isopropyl Alcohol		***	g/100cc
N-Propanol	0.0000	196187	g/100cc
Fluor. Hydrocarbon(s)		an er	g/100cc

: 6

: INT STD BLNK : Meridian : 12/17/2021 11:29:37 AM



Name	Conc.	Area	Unit
Methanol		<b>**</b>	g/100cc
Ethanol		-	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	215123	g/100cc
Fluor, Hydrocarbon(s)	***	***	g/100cc

1.5

1.0

0.5

0.0

2.0

Name	Conc.	Area	Unit
Methanol	as no		g/100cc
Ethanol			g/100cc
Acetone		Wa ter	g/100cc
Isopropyl Alcohol	wer	, a to	g/100cc
N-Propanol	0.0000	199985	g/100cc
Fluor. Hydrocarbon(s)		**	g/100cc

3.0

min

2.5

### 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

Viol#	Sample Name	Sample Type	Level#	Method File
γιαιπ 1	0.050	1:Standard:(I)	1	ALCOHOL.GCM
	0.000	1:Standard	2	ALCOHOL.GCM
2	0.100	1:Standard	3	ALCOHOL.GCM
3	0.200	1:Standard	4	ALCOHOL.GCM
4	0.500	1:Standard	5	ALCOHOL.GCM
3	INT STD BLNK	0:Unknown	0	ALCOHOL.GCM

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

: C12255750548 \ C12595800409 : C:\Labsolutions\Data\211217\CALIBRATION\ALCOHOL.GCM : 12\20\2021 11:43:05 AM : INT 5TD BLK 1

							1 ' 1	-
		2.129 / N-Propanol						0000S
		N-Prop						-00000τ
FID2		anol						Λn
uim								
3.0	2,5	2.0	S'T	0.1		<b>2.</b> 0	(	0.0
								O
								-
	= \6							
	.2							-00005
	480							-
	N-F							
	rop							_
<b>LID</b> T	2.480 / N-Propanol							Λn
					- /		/	

3001/g			Fluor. Hydrocarbon(s)
22001\g	064102	0000.0	N-Propanol
5500L\B			ənotəsA
3200L\B			Isopropyl Alcohol
5500£\B			lonsdf3
3200£\B			lonsdteM
JinU	Area	Conc.	Явте
			FID1

0.1

2.0

0.0

3.5

3001\g			Fluor. Hydrocarbon(s)
3001/3	106061	0000.0	lonsqor9-M
3) Toolcc			Isopropyl Alcohol
3) Toolog			ənotəsA
3001/g			Ethanol
3001/g			Methanol
tinU	ьэчА	Conc.	Язте
			70

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3.0

2.5

2.0

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

: MIXED VOLATILES FN 07101701 : Meridisn : 12/20/2021 11:50:25 AM : 2

C12255750548 \ C12595800409 C12255750548 \ C12595800409	
7	

uim						EID1
0.8	2.5	0.2	S'T	0.τ	<b>S.0</b>	0.0
						-0
				1.10		-
			1.328	6 / Me		20000
		2.1	1.328 / Ethanol 1.4: 1.516 / Isopr	1.106 / Methanol		_
		2.131 / N-Propanol	1.433 / Acetone 1.433 / Acetone			-00000τ
		Propa	/ Aceto yl Alco			
nim FID2		<u>o</u> '	hol			Λn
0.8	2.5	2.0	S'T	0.τ	<b>c</b> .0	0.0
						-0
				L \		
		<u>+</u>	1.4	.60 / N		00005
	2.4	796/1	1.467 / Ethanol	1.160 / Methanol		-0000S
	182 / N	1.952	:hanol	<u>o</u>		-
	2.482 / N-Propanol	1.796 / Isopropyl Alcohol 1.952 / Acetone				-00000T
FIDT	inol	one				Λn

3001\g			Fluor. Hydrocarbon(s)
3001\g	242842	0000.0	N-Propanol
3001\g	142254	0000.0	ənotəsA
3001\g	0Δ090Τ	0000.0	Isopropyl Alcohol
3001\g	SZ909	5611.0	loned‡3
3001\g	29103	0000.0	lonstham
JinU	ьэтА	Conc.	Name

3001/g			Fluor. Hydrocarbon(s)
3001\g	728532	00000	N-Propanol
3001\g	ZZ966	0000.0	Isopropyl Alcohol
3001/3	132648	0000.0	ənofəəA
3001/3	28420	0.1213	lonsdt3
3001/3	64282	0000.0	lonsdteM
tinU	ьэтА	Conc.	Изте
			70

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

			<b>LL0.0</b>			
		ılt	eported Resi	В		
<b>†</b> 00	).0	180.0	£70.0		<i>LL</i> 0.0	
Mean	10 %S	hgiН	моД	(၁၁၅)	ol/g) nsəM lis	<b>19</b> VО
%00.5	nent (UM%):	y of Measuren	JnistroonU		zesults	Reporting of I
eq ceutrally.	note zi noitamnofr	น่ โทษmuาโรกโ	mog.\m.eəli	ol.m/.gcm, Volati		Instrument In
				I# P	bod odtelM lodoslA	Analysis Meth
		I				
0//0:0	0100.0	9870.0	£000.0	2870.0	8870.0	(2500I/g)
8770.0	9100.0	0770.0 8870.0	£000.0 £000.0	6970.0 2870.0	2770.0 8870.0	Sample Results (g/100cc)
Оvет-аll Меап 8770.0	Sample A-B Difference 8100.0					

Calibration and control data are stored centrally.

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Revision: 3 lssue Date: 12/28/2020

Issuing Authority: Quality Manager

Page: 1 of 1

Volatiles Determination Casefile Worksheet

Sample Name

: 0.08 QA-A : Meridisn : C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM : C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM

1/36# tnamintent
Method Filename
# laiV
Injection Date
Laboratory

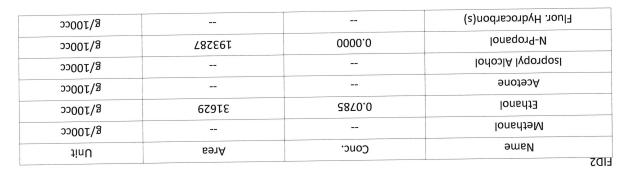
Instrument #GC/HS
Method Filename
# lsiV
Injection Date
гарогатогу

0.8	2,5	2.0	5.1	0.τ	2.0	0.0
						0
		2.129 / N-Propanol	1.326 / Ethanol			-000005 
FIDS		<u>o</u> '				
0.£ nim	2.5	0.2	<b>5</b> 'T	0.τ	2.0	0.0
3.0	1					0
	2.482 / N-Propanol	<b>X</b>	1.467 / Ethanol	· ·		
FIDT	panol					Λn

g\100cc			Fluor. Hydrocarbon(s)
S/100cc	704494	0000.0	lonsqor4-M
S/100cc			ənofəəA
5,100cc			lohoolA lyqorqoal
300L\g	37320	2770.0	Ethanol
3) TOOCC			Methanol
τinU	ьэтА	Conc.	уше
			FID1

3/100cc			Fluor. Hydrocarbon(s)
g\100cc	193432	0000.0	N-Propanol
g\100cc			Isopropyl Alcohol
g\100cc			ənotəsA
g\100cc	98608	6940.0	[thanol
S/100cc			Methanol
tinU	ьэтА	Conc.	Явте
., .,			

uim



3001\g			Fluor. Hydrocarbon(s)
S/100cc	204203	0.000.0	N-Propanol
S/100cc			ənotəsA
g\100cc			Isopropyl Alcohol
g\100cc	33003	8870.0	lonsd <sub>‡</sub> 3
S/100cc			lonsdty
tinU	БЭҮА	conc.	Иате
4;~11	•		FIDI



: Mq 76:522:21 12:22:37 PM

8-AO 80.0:

Injection Date Vial # Sample Name

Method Filename

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

			270.0			
		ılt.	eported Resi	B.		
<b>†</b> 00	).0	940.0	890.0		<b>7</b> 20°0	
пкэМ	Jo %S	ЯgiH	моД	(၁၁၇)	01/g) nsəM lls.	<b>19</b> VО
%00.2	:(%MU) tnon	y of Measurer	dnisdreertaint T—————		gesnits	Reporting of I
eq ceup.app.	rots zi noitamrołn	ท์ เกรสนาประกไ	mɔg.\m.ɛəli	itsloV ,mog.\m.lor		nstrument In
				I# P	odisM lodoslA	Sefer to Blood
					po	——————————————————————————————————————
1710:0	(000,0	1870.0	6,0003	0.0730	££70.0	(22001\g)
7270.0	6000.0	2270.0	£000.0	1270.0	₽ZL0.0	Sample Results
Over-all Mean	Sample A-B Difference	oulkV ngoM	Column Precision	Column 2 FID B	I nmuloD A AIIA	
	17/07/	21 :(s)ətsU sis	eviraA 2		o:: QC1-1	Saboratory No

Calibration and control data are stored centrally.

C/HS : C12255750548 / C12595800409

2/71919/Steff(/snoitillo2de1/·2)	
£:	
MA	

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

H/JD# tnamurtsnl	
Method Filename	
# lsiV	
Injection Date	

0.ε	2.5	2.0	J.5	0.τ	S.0	0.0
						0
			<b>⊢</b> \			
			1.326 / Ethanol			-
			Ethar			-00009
		2.12	<u>lo</u> r			_
		2.129 / N-Propanol				-
		Propa				_00000T
nim FID2		no <u>l</u>				Vu
3.0	2,5	2.0	J.5	0.τ	<b>c.</b> 0	0.0
						-0
			V			_
			1.466 / Ethanol			-
			/ Etha			-
	2.48		anol			_0000S
	1/N-					_
	2.481 / N-Propanol					_
LIDT	nol <sup>∨</sup>					Λn

2001/g			Fluor. Hydrocarbon(s)
55001\g	198508	0000.0 lonsqorq-M	
22001\g			ənofəəA
22001\g			Isopropyl Alcohol
5500£\g	79327	₽270.0	Ethanol
5500£\g			Methanol
tinU	ьэтА	Conc.	Jame

300L\g			Fluor. Hydrocarbon(s)		
g\100cc	187812	0000.0	N-Propanol		
2001/g			Isopropyl Alcohol		
3\100cc			ənotəsA		
3\100cc	28135	12 <b>7</b> 0.0	lonsd‡3		
3\100cc			lonsthaml		
tinU	вэлА	Conc.	Явте		
			:IDS		

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: GC-1-1-B

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

out	/etell/agottulo2de1/.7.
	<b>t</b> :
	35:90:21 12:02/21:
	: Meridian
	α-T-T-2)2 ·

: C122555750548 \ C12595800409	SH
7:	
: 12/20/2021 12:06:38 PM	

200cc	17/B				lone	Meth
tin	ın	ьэлА		.ono	əu	ne <b>N</b>
uim	'					FID1
0.£	2.5	0.2	S'T	0.τ	<b>S</b> '0	0.0
ŁIDŞ		2.129 / N-Propanol	1.327 / Ethanol			-00000T
0.£	رح ما المحتود	2.0	1.466 / Ethanol	0.1	S'0	0.0 -0 
FIDT	yanol					۸r

22001\g			Fluor. Hydrocarbon(s)
S/100cc	500369	69E30Z 0000.0 lonsqor9-V	
S/100cc			ənotəsA
S/100cc			lodoolA lyqorqosl
2)100cc	30890	££70.0	loned±3
300£\g			lonsday
tinU	ьэтА	Conc.	Лате

3001/g			Fluor. Hydrocarbon(s)
3\100cc	195216	0000.0	N-Propanol
300£\g			Isopropyl Alcohol
3\100cc			ənotəɔA
3\100cc	97967	0.0730	lonsdf3
3/100cc			lonsdtaM
tinU	ьэтА	Conc.	Явте
			FID2

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

			920°0				
		1]t	eported Resu	В			
<b>†0</b> 0	\$00.0 080.0 270.0 270.0						
Mean	Jo %S	hgiН	моД	(၁၁၅)	01/g) nsəM llsy	<b>19</b> VО	
%00.2	nent (UM%):	y of Measurer	JnistrasnU		gesnjts	Reporting of I	
			mɔg.\m.ɛəli	TeloV ,mog.\m.lor		Refer to Instrumen	
ed centrally.	vose si noitamotr	น์ โท <b>อ</b> สนาโรกโ			formation	ու չարանն լա	
				<b>1# p</b>	odisM lodoslA	Refer to Blood	
					por	Analysis Meth	
10/010	0100,0	9870.0	0000.0	9870.0	9270.0	(22001/g)	
19/0.0	0100.0	9970.0	1000.0	<i>L</i> 9 <i>L</i> 0 <sup>.</sup> 0	99/0.0	Sample Results	
Over-all Mean	Sample A-B Difference	oulsy nsoM	Column Precision	Column 2 FID B	L nmuloD A QIA		
	Laboratory No.: QC1-2 Analysis Date(s): 12/20/21						

Calibration and control data are stored centrally.

26

Revision: 3 lssue Date: 12/28/2020

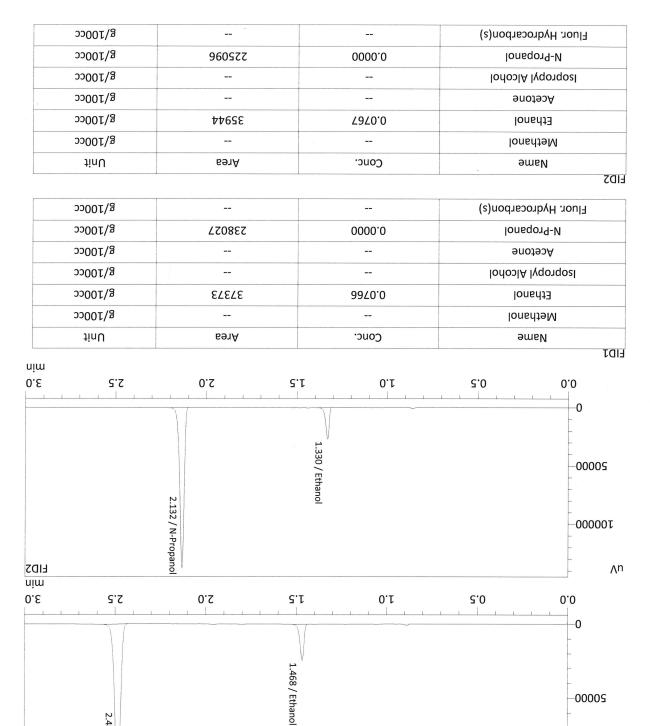
Issuing Authority: Quality Manager

Page: 1 of 1

Volatiles Determination Casefile Worksheet

2.484 / N-Propanol

FID1

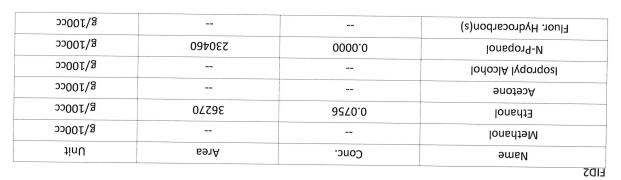


: C12255750548 \ C12595800409 Method Filename

. Meridian Mq 24:46:45 4:46:45 PM 9E : 39 # IsiV Injection Date Laboratory : QC1-2-A Sample Name

T00000T

Instrument #GC/HS



3001\g			Fluor. Hydrocarbon(s)
3001/g	243636	0.000.0 lonsqorl	
3001/g			ənotəsA
3001\g			Isopropyl Alcohol
2) J J J J J J J J J J J J J J J J J J J	37725	9270.0	lonsdt3
3001\g			lonshie
JinU	ьэтА	Conc.	ЭшьИ



: C12255750548 \ C12595800409 : 12/20/2021 4:54:24 PM : 40

: QC1-2-B : Meridian

Injection Date Laboratory Sample Name

# IsiV

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

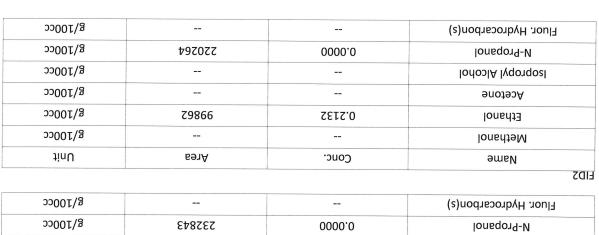
			eported Resu			
110	110.0 222.0 002.0 112.0					
Меап	Jo %S	ЯgiH	моД	(၁၁၇)	01/g) nsəM lls:	<b>19</b> VО
%00.5	nent (UM%):	y of Measuren	Janietresint Janietresint		zesnits	Reporting of I
eq כפענגמון <i>א</i> י	orotz zi noitzmuoli	ni tnsmurtznI	mog.\m.səli	Tol.m/.gcm, Volati		Instrument In Refer to Instrumen
				I# P		Analysis Meth
						<u> </u>
6112.0	\$100.0	1112.0	1100.0	7112.0	9012.0	(25001\g)
01100	21000	9212.0	1100.0	2612.0	1212.0	Sample Results
Over-all Mean	Sample A-B Difference	oulkV nroM	Column Precision	Column 2 FID B	Column I FID A	
	Laboratory No.: QC2-1 Analysis Date(s): 12/20/21					

Calibration and control data are stored centrally.

26

Revision: 3

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



500L\g			Fluor. Hydrocarbon(s)
3001\g	232843	0.000	N-Propanol
3001\g			ənotəsA
3001\g			Isopropyl Alcohol
3001\g	102146	1212.0	lonsdt3
25001\g			lonsdf9M
JinU	БЭ1А	conc.	увте



: C:/LabSolutions/Data/211217/CALIBRATION/ALCOHOL.GCM

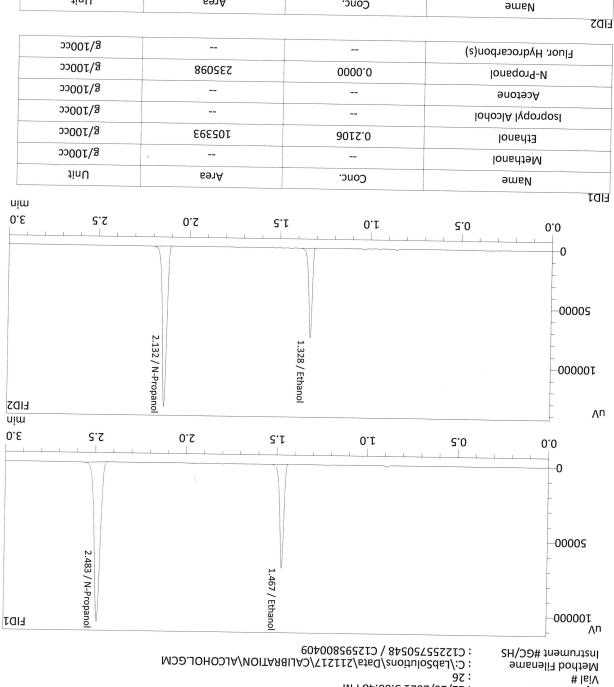
: Meridian : 12/20/2021 2:52:36 PM

: GC-2-1-∀

Instrument #GC/HS Method Filename # IsiV

Laboratory Injection Date Sample Name

20



Method Filename Injection Date Vial #

Sample Name Laboratory

: QC-2-1-B : T2/20/2021 3:00:48 PM

55001/g			Fluor. Hydrocarbon(s)
3001/g	221990	0.000.0	N-Propanol
5501/g			Isopropyl Alcohol
25001\g			Acetone
300L\g	9865	7112.0	Ethanol
300L\B			Methanol
tinU	ьэтА	Conc.	Изте

## Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12255800409
Lab Solutions Software Ver. 5.99
Copyright (C) 2008-2020 Shimadzu Corporation

C:/LabSolutions/Data/211217/CALIBRATION/ALCOHOL.GCM	INT STD BLNK	7.1
	OCI-2-B	I b
	OC1-2-A	07
	P2021-3938-1B	68
	P2021-3938-1A	88
	M2021-5515-1B	75
	M2021-5515-1A	98
	M2021-5503-1B	35
	M2021-5503-1A	34
	M2021-5495-1B	<u> </u>
	M2021-5495-1A	32
	M2021-5487-1B	31
	M2021-5487-1A	30
	M2021-5486-1B	67
	M2021-5486-1A	87
	OC-2-1-B	<u> </u>
	OC-2-1-A	97
	M2021-5485-1B	57
	M2021-5485-1A	77
	M2021-5430-1B	57
	M2021-5430-1A	77
	M2021-5429-1B	71 70
	M2021-5429-1A	
	M2021-5406-1B	6I 8I
	M2021-5406-1A	
	M2021-5405-1B	2 I
	M2021-5405-1A	SI
	M2021-5397-1B	7 I
	A1-7952-1202M	EI
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	M2021-5363-1A	II
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	M2021-5361-1B	8
	M2021-5361-1A	0
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C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM	A-AQ 80.0	ç
C:\LabSolutions\Data\211217\CALIBRATION\ALCOHOL.GCM	OC-1-1-B	<del>y</del>
	QC-1-1-A	E
	ED VOLATILES FN 07	7
	INT STD BLK I	I
Oil absolve Method File	Sample Name	#[giV
		$\pi 1^{\circ}:I1$