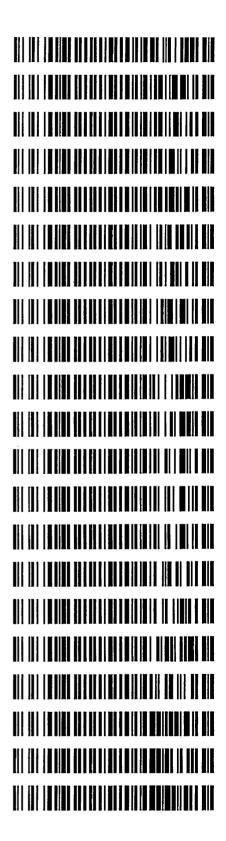
11/29/2024

### **APPROVED**

### By John Garner at 10:34 am, Dec 02, 2024

Worklist: 6983

WOI KIISL. US	05		
LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION
M2024-4842	1	BCK	Alcohol Analysis
M2024-4876	1	вск	Alcohol Analysis
M2024-4877	1	вск	Alcohol Analysis
M2024-4878	1	ВСК	Alcohol Analysis
M2024-4880	1	вск	Alcohol Analysis
M2024-4907	1	UCK	Alcohol Analysis
M2024-4907	2	вск	Alcohol Analysis
M2024-4911	1	вск	Alcohol Analysis
M2024-4912	1	вск	Alcohol Analysis
M2024-4922	1	вск	Alcohol Analysis
M2024-4948	1	вск	Alcohol Analysis
M2024-4949	1	вск	Alcohol Analysis
M2024-4959	1	вск	Alcohol Analysis .
M2024-4960	1	ВСК	Alcohol Analysis
M2024-4970	1	вск	Alcohol Analysis
M2024-4977	1	вск	Alcohol Analysis
M2024-5004	1	ВСК	Alcohol Analysis
M2024-5025	1	UCK	Alcohol Analysis
M2024-5029	1	ВСК	Alcohol Analysis
M2024-5031	1	вск	Alcohol Analysis
M2024-5037	1	ВСК	Alcohol Analysis





# 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): 11/27/2024

Calibration Date: Worklist #: 11/27/2024 6983

0.99956	9951 Column2	0.9995	Column 1			Curve Fit:	
	FN05302307	Lot#	May. 2028	May.	Exp:	nent mixture:	Multi-Component mixture:
g/100cc							
0.2092 g/100cc	0.1827-0.2233	030	0.2030	0181	2110181	Mar-26	Level 2
0.2090 g/100cc							
g/100cc						į	
0.0862 g/100cc	0.0727-0.0889	0.0808	0.0	1199	2101199	Feb-25	Level 1
0.0815 g/100cc							
Overall Results	Acceptable Range	Target Value	Targe	Lot#	0T	Expiration	Control level
0705	VIDE 4.	CITY IO AA					

## **Ethanol Calibration Reference Material**

0.5034	0.0003	0.5033	0.5036	0.450 - 0.550	0.500	500
#DIV/0!	0			0.360 - 0.440	0.400	400
0.2953	0.0004	0.2955	0.2951	0.270 - 0.330	0.300	300
0.1974	0.0002	0.1975	0.1973	0.180 - 0.220	0.200	200
0.0995	0.0002	0.0994	0.0996	0.090 - 0.110	0.100	100
0.0541	1E-04	0.0541	0.0542	0.045 - 0.055	0.050	50
Mean	Precision	Column 2 Precision	Column 1	Acceptable Range	Target Value	Calibrator level

### **Aqueous Controls**

				֓֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֡֓֓֓֓֓֡֓֓֡֓֡
Control level	Target Value	Acceptable Range	Overall Result	Results
08	0.080	0.076 - 0.084	0.083	g/100cc

Revision: 5

# **Internal Standard Monitoring Worksheet**

	Worklist #:	
The state of the s	6983	
	Run Date(s):	
	11/27/2024	

QC2	QC2	QC2	QC2	QC2	QC2	QC1	QC1	QC1	QC1	QC1	QC1	0.080	0.080	Sample Name
		284236	269432	262443	261062			269260	264498	214176	213637	204574	208551	Column 1 Value
		303706	287275	280487	278667			287410	282519	228642	228078	218233	222196	Column 2 Value

314065.6	209377.0	261721.3	Column 2
294224.3	196149.5	245186.9	Column 1
(+)20%	(-)20%	Average	

2

Revision: 5 Issue Date: 07/05/2022

Issuing Authority: Quality Manager

### Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548 Shimadzu HS-20 Serial #C12595800409 Lab Solutions Database Software Ver. 6.111 Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	0 1 5		
1		Sample Type	Level#	Method File
	0.050	1:Standard:(I)	1	ALCOHOL 241127.gcm
	0.100	1:Standard		ALCOHOL 241127.gcm
3	0.200	1:Standard	- 2 -	ALCOHOL 241127.gcm
4	0.300		1 3 1	ALCOHOL 241127.gcm
5	0.500	1:Standard	4	ALCOHOL 241127 gcm
6		1:Standard	5	ALCOHOL 241127.gcm
	INT STD BLK	0:Unknown	0	ALCOHOL 241127.gcm



### 

### Calibration Table

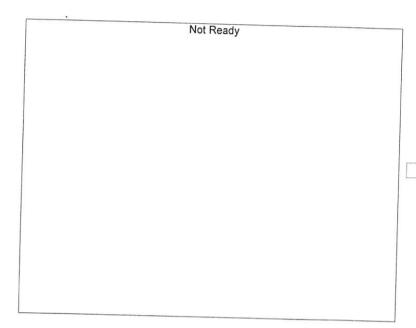
Laboratory : MERIDIAN Instrument Name : GC-BAC Instrument Serial # : C12595800409 / C12255750548

<<Data File>> Method File Batch File

Date Acquired Date Created

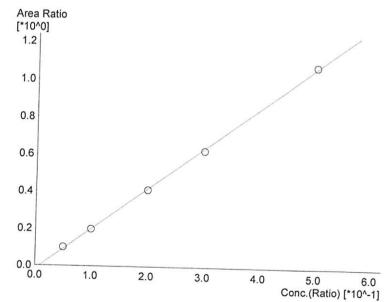
:Default Project - ALCOHOL\_241127.gcm :Default Project - CALCURVE\_241127\_GG.gcb :11/27/2024 11:36:43 AM :11/27/2024 11:30:04 AM :11/27/2024 11:57:31 AM

Date Modified



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

#	Conc.	Area	Std. Conc.



Name : Ethanol Detector Name: FID1 Function : f(x)=2.17699\*x-0.0173875 R^2 value= 0.9995100 FitType: Linear ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20468	0.0542
2	0.100	40459	0.0996
3	0.200	85805	0.1973
4	0.300	130718	0.2951
5	0.500	229854	0.5036

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.
	# Conc. Area Std. Conc.
Not Ready	
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.
	_
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: Methanol
Detector Name: FID2
Function: f(x)=0\*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
		, ,,,,	ota. Conc.

Area Ratio
[\*10^0]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
Conc.(Ratio) [\*10^-1]

Name: Ethanol
Detector Name: FID2
Function: f(x)=2.18138\*x-0.0177454
R^2 value= 0.9995687
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21794	0.0541
2	0.100	43093	0.0994
3	0.200	91749	0.1975
4	0.300	139655	0.2955
5	0.500	245243	0.5033

Not Ready

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

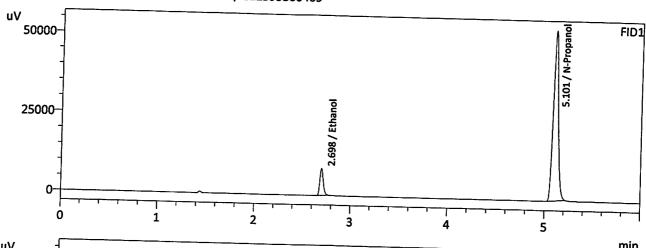
# Conc. Area Std. Conc.

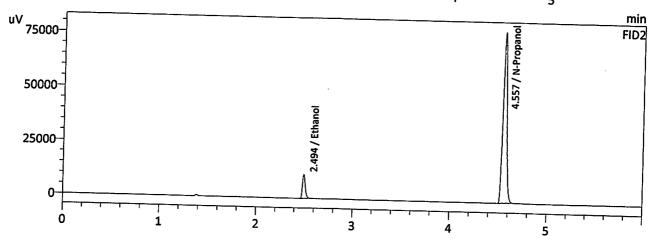
Not Ready	Name : Isopropyl Alcohol Detector Name: FID2 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc.
Not Ready	Name : Flour. Hydrocarbon(s)  Detector Name: FID2  Function : f(x)=0*x+0  R*2 value= 0  FitType: Linear  ZeroThrough: Not Through
	# Conc.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

: 0.050 : Meridian : 11/27/2024 10:46:48 AM

Method Filename

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Name	Conc.	Area	Unit
Methanol			
Ethanol	0.0540		g/100cc
	0.0542	20468	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			<del> </del>
N-Propanol	0.0000	202044	g/100cc
Fluor. Hydrocarbon(s)	0.0000	203011	g/100cc
idol. Hydrocarbon(s)		_	g/100cc

			8, 2000
Name	Conc.	Area	11
Methanol			Unit
Ethanol	0.0544		g/100cc
	0.0541	21794	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	217064	
Flour. Hydrocarbon(s)		21/064	g/100cc
1.0 4.1.1/4.1 0 ca. D011(3)			g/100cc

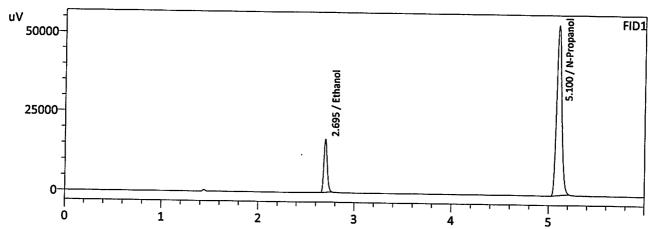
: 0.100

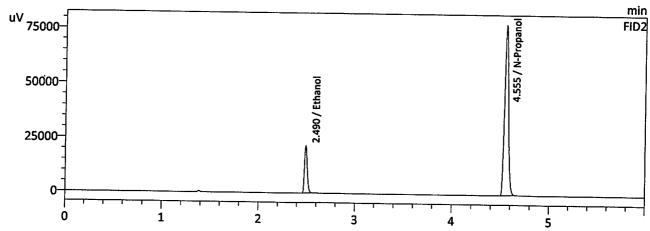
: Meridian

: 11/27/2024 10:59:32 AM

Method Filename

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Name	Conc.	Area	Unit
Methanol	***		g/100cc
Ethanol	0.0996	40459	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	202833	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

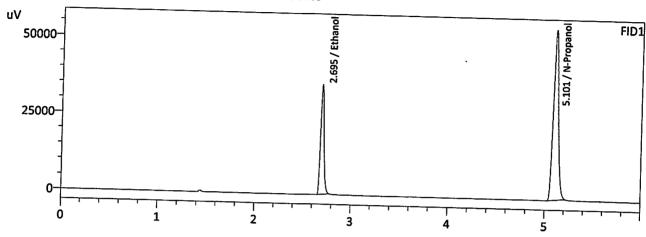
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0994	43093	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	216428	g/100cc
Flour. Hydrocarbon(s)			g/100cc g/100cc

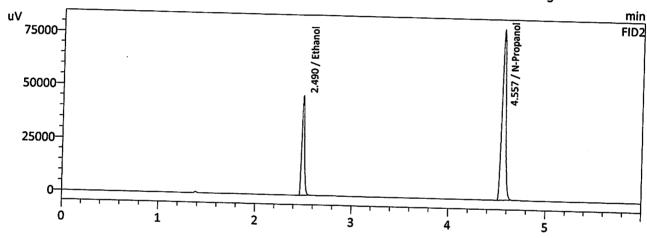
: 0.200 : Meridian

: 11/27/2024 11:11:43 AM

Method Filename

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





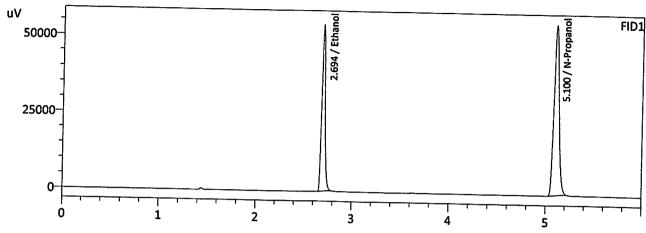
Area	Unit
	g/100cc
	g/100cc
	g/100cc
	g/100cc
——————————————————————————————————————	g/100cc
	5805

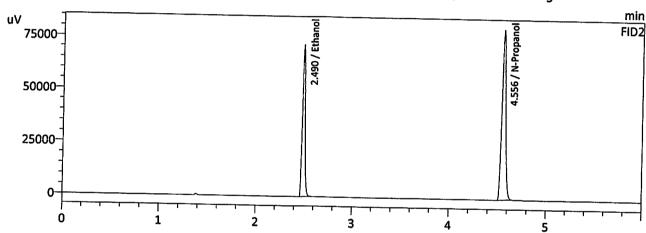
Name	Conc.	Area	I Imia
Methanol	-		Unit
Ethanol		••	g/100cc
Ethanol	0.1975	91749	g/100cc
Acetone			
Isopropyl Alcohol			g/100cc
			g/100cc
N-Propanol	0.0000	222083	g/100cc
Flour. Hydrocarbon(s)	-		
,			g/100cc

: 0.300 : Meridian

: 11/27/2024 11:24:01 AM

Method Filename Instrument #GC/HS : Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2951	130718	g/100cc
Isopropyl Alcohol		-	g/100cc
Acetone		-	g/100cc
N-Propanol	0.0000	209105	g/100cc
luor. Hydrocarbon(s)		-	g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2955	139655	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	222768	g/100cc
Flour. Hydrocarbon(s)			g/100cc



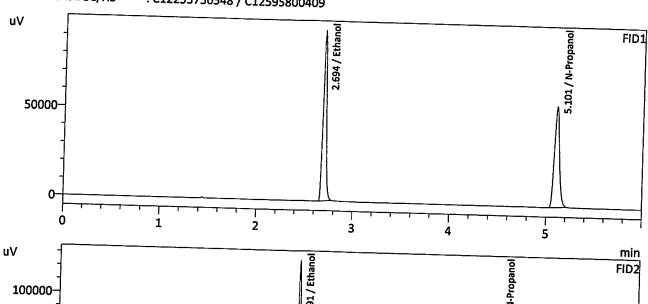
: 0.500

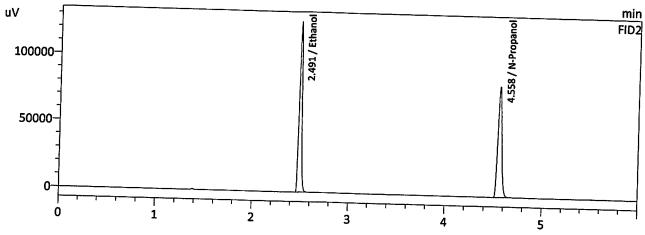
Sample Name Laboratory Injection Date Vial #

: Meridian : 11/27/2024 11:36:43 AM

Method Filename

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





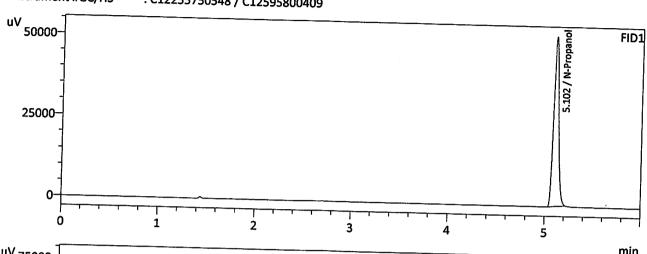
Name	Conc.	Area	Unit
Methanol			
Ethanol	0.5036	229854	g/100cc
isopropyi Alcohol	-		g/100cc
Acetone			g/100cc
N-Propanol	-		g/100cc
	0.0000	213018	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

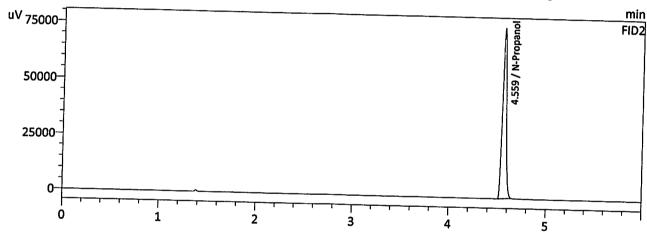
Name	Conc.	Area	
Methanol		Alea	Unit
			g/100cc
Ethanol	0.5033	245243	g/100cc
Acetone			
Isopropyl Alcohol			g/100cc
			g/100cc
N-Propanol	0.0000	227012	
Flour. Hydrocarbon(s)			g/100cc
11, 11, 11, 11, 11, 11, 11, 11, 11, 11,	<del></del>		g/100cc

: INT STD BLK : Meridian : 11/27/2024 11:48:51 AM

Method Filename

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Conc.	Area	Linia
	711.00	Unit
		g/100cc
		g/100cc
	_	
		g/100cc
		g/100cc
0.0000	197431	g/100cc
-	-	g/100cc
	   0.0000	

Name	Conc.	Area	Unit
Methanol			<del></del>
Ethanol			g/100cc
	••		g/100cc
Acetone			g/100cc
isopropyl Alcohol	444		
N-Propanol	0.0000		g/100cc
	0.0000	210752	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 Database Software Ver. 6.111 Copyright (C) 2008-2020 Shimadzu Corporation

37.111	Complex No.	Comple There	114	Mothed Eile
Vial#	Sample Name	Sample Type	Level#	Method File
<u> </u>	INT STD BLK 1	0:Unknown	0	ALCOHOL 241127.gcm
2	ED VOLATILES FN 0530	0:Unknown	1 1	ALCOHOL 241127.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 241127.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 241127.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 241127.gcm
6	0.08 QA	0:Unknown	0	ALCOHOL 241127.gcm
7	M2024-4842-1	0:Unknown	0	ALCOHOL 241127.gcm
8	M2024-4842-1-B	0:Unknown	0	ALCOHOL 241127.gcm
9	M2024-4876-1	0:Unknown	0	ALCOHOL 241127.gcm
10	M2024-4876-1-B	0:Unknown	0	ALCOHOL 241127.gcm
11	M2024-4877-1	0:Unknown	0	ALCOHOL 241127.gcm
12	M2024-4877-1-B	0:Unknown	0	ALCOHOL 241127.gcm
13	M2024-4878-1	0:Unknown	0	ALCOHOL 241127.gcm
14	M2024-4878-1-B	0:Unknown	0	ALCOHOL 241127.gcm
15	M2024-4880-1	0:Unknown	0	ALCOHOL 241127.gcm
16	M2024-4880-1-B	0:Unknown	0	ALCOHOL 241127.gcm
17	M2024-4907-1	0:Unknown	0	ALCOHOL 241127.gcm
18	M2024-4907-1-B	0:Unknown	0	ALCOHOL 241127.gcm
19	M2024-4907-2	0:Unknown	0	ALCOHOL 241127.gcm
20	M2024-4907-2-B	0:Unknown	0	ALCOHOL 241127.gcm
21	M2024-4911-1	0:Unknown	0	ALCOHOL 241127.gcm
22	M2024-4911-1-B	0:Unknown	0	ALCOHOL 241127.gcm
23	M2024-4912-1	0:Unknown	0	ALCOHOL 241127.gcm
24	M2024-4912-1-B	0:Unknown	Ö	ALCOHOL 241127.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 241127.gcm
26	QC-2-1-B	0:Unknown	ŏ	ALCOHOL 241127.gcm
27	M2024-4922-1	0:Unknown	0	ALCOHOL 241127.gcm
28	M2024-4922-1-B	0:Unknown	Ŏ	ALCOHOL 241127.gcm
29	M2024-4948-1	0:Unknown	0	ALCOHOL 241127.gcm
30	M2024-4948-1-B	0:Unknown	1 0	ALCOHOL 241127.gcm
31	M2024-4949-1	0:Unknown	0	ALCOHOL 241127.gcm
32	M2024-4949-1-B	0:Unknown	0	ALCOHOL 241127.gcm
33	M2024-4949-1-B	0:Unknown	0	ALCOHOL 241127.gcm
	M2024-4959-1-B		0	ALCOHOL 241127.gcm
34		0:Unknown	0	
35	M2024-4960-1	0:Unknown	0	ALCOHOL 241127.gcm
36	M2024-4960-1-B	0:Unknown		ALCOHOL 241127.gcm ALCOHOL 241127.gcm
37	M2024-4970-1	0:Unknown	0	
38	M2024-4970-1-B	0:Unknown		ALCOHOL 241127.gcm
39	M2024-4977-1	0:Unknown	0	ALCOHOL 241127.gcm
40	M2024-4977-1-B	0:Unknown	0	ALCOHOL 241127.gcm
41	M2024-5004-1	0:Unknown	0	ALCOHOL 241127.gcm
42	M2024-5004-1-B	0:Unknown	0	ALCOHOL 241127.gcm
43	M2024-5025-1	0:Unknown	0	ALCOHOL 241127.gcm
44	M2024-5025-1-B	0:Unknown	0	ALCOHOL 241127.gcm
45	M2024-5029-1	0:Unknown	0	ALCOHOL 241127.gcm
46	M2024-5029-1-B	0:Unknown	0	ALCOHOL 241127.gcm
47	QC1-2	0:Unknown	0	ALCOHOL 241127.gcm
48	QC1-2-B	0:Unknown	0	ALCOHOL 241127.gcm
49	M2024-5031-1	0:Unknown	0	ALCOHOL 241127.gcm
50	M2024-5031-1-B	0:Unknown	0	ALCOHOL 241127.gcm
51	M2024-5037-1	0:Unknown	0	ALCOHOL 241127.gcm
52	M2024-5037-1-B	0:Unknown	0	ALCOHOL 241127.gcm
53	QC2-2	0:Unknown	0	ALCOHOL 241127.gcm
54	QC2-2-B	0:Unknown	0	ALCOHOL 241127.gcm
55	INT STD BLK 1	0:Unknown	0	ALCOHOL 241127.gcm
56	DFE 1119140 M	0:Unknown	0	ALCOHOL 241127.gcm
57	INT STD BLK 1	0:Unknown	0	ALCOHOL 241127.gcm
58	TFE 111914	0:Unknown	0	ALCOHOL 241127.gcm
59	INT STD BLK	0:Unknown	0	ALCOHOL 241127.gcm



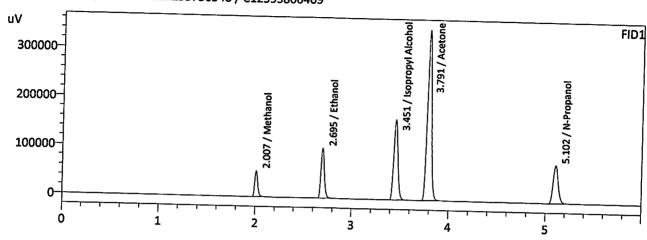
: MIXED VOLATILES FN 05302307

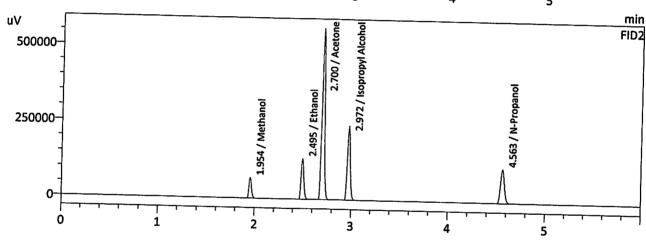
: Meridian

Sample Name Laboratory Injection Date Vial # : 11/27/2024 12:37:08 PM

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409

Method Filename Instrument #GC/HS





Name	Cono		<del></del>
	Conc.	Area	Unit
Methanol	0.0000	111796	g/100cc
Ethanol	0.3955	245128	g/100cc
Isopropyl Alcohol	0.0000	483670	g/100cc
Acetone	0.0000	1041528	
N-Propanol	0.0000		g/100cc
luor. Hydrocarbon(s)		290544	g/100cc

Name	Conc.	Area	Unit
Methanol	0.0000	122569	g/100cc
Ethanol	0.3961	261590	g/100cc
Acetone	0.0000	1107382	g/100cc
Isopropyl Alcohol	0.0000	510067	g/100cc
N-Propanol	0.0000	309071	g/100cc g/100cc
Flour. Hydrocarbon(s)			g/100cc

### VOLATILES DETERMINATION CASEFILE WORKSHEET

### VOLATILES DETERMINATION CASEFILE WORKSHEET

		-				<u>-</u> "
Laboratory No:	0.08 QA		Ana	alysis Date(s)	: 11/27/2024 1:	13:56 PM(-07:00)
	Column 1	Column 2	Column	Mean	Sample A-B	Andrew State State State of the State of Control
	FID A	FID B	Precision	Value	Difference	Over-all Mear
Sample Results	0.0825	0.0824	0.0001	0.0824		
(g/100cc)	0.0836	0.0836	0.0000	0.0836	0.0012	0.0830
Analysis Method			······································			
Refer to Blood Alcol		<del> </del>		Instrumer	nt information is	s stored centrally.
Refer To Instrument		ALCOHOL_24	-			
Reporting of Results					ments (UM%):	
Overall N	Mean (g/100cc	)	Low	High	5 %	6 of Mean
	0.083		0.078	0.088		0.005

Reported Results

0.083

0.005

dentification of the second

Calibration and control data are stored centrally.

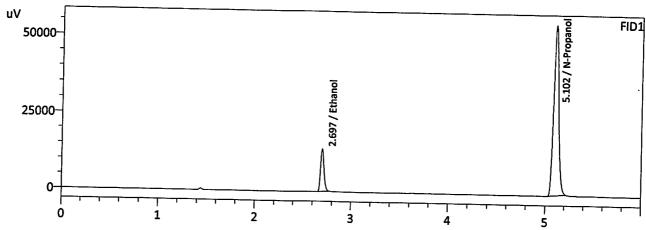


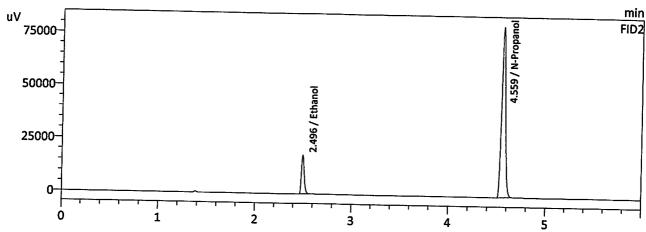
: 0.08 QA : Meridian

: 11/27/2024 1:13:56 PM

Method Filename Instrument #GC/HS

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





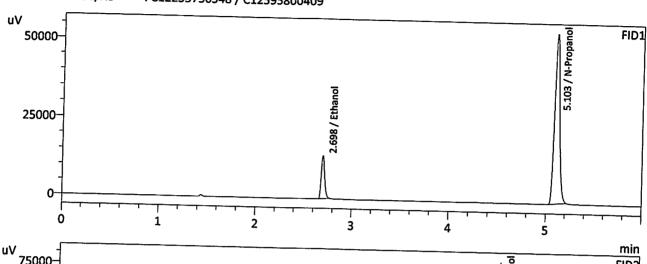
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0825	33833	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	208551	g/100cc
luor. Hydrocarbon(s)			g/100cc

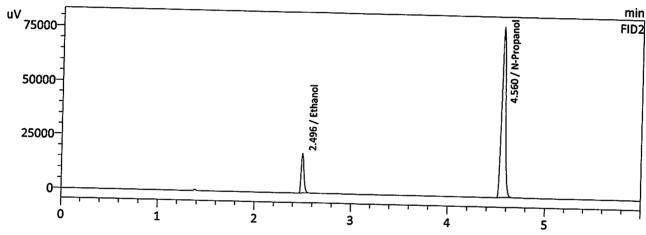
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0824	36031	g/100cc
Acetone			g/100cc
Isopropyl Alcohol	***		g/100cc
N-Propanol	0.0000	222196	g/100cc
Flour. Hydrocarbon(s)			8/10000

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

: 11/27/2024 1:26:00 PM

Method Filename Instrument #GC/HS : Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Name	Conc.	Area	Unit
Methanol			<del></del>
Ethanol	0.0836	33703	g/100cc
Isopropyl Alcohol	-		g/100cc
Acetone			g/100cc
N-Propanol			g/100cc
	0.0000	204574	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol	••		<del> </del>
Ethanol	0.0836	35934	g/100cc
Acetone		33954	g/100cc
Isopropyl Alcohol			g/100cc
		-	g/100cc
N-Propanol	0.0000	218233	g/100cc
Flour. Hydrocarbon(s)			g/100cc

### VOLATILES DETERMINATION CASEFILE WORKSHEET

### VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	QC-1-1		An	alysis Date(s):	11/27/2024 12	:49:17 PM(-07:00)	
	Column 1	Column 2	Column	Mean	Sample A-B	(	
	FID A	FID B	Precision	Value	Difference	Over-all Mean	
Sample Results	0.0815	0.0813	0.0002	0.0814			
(g/100cc)	0.0817	0.0817	0.0000	0.0817	0.0003	0.0815	
Analysis Method	Analysis Method						
Refer to Blood Alcohol Method #1							
Instrument Information Instrument information is stored centrally.							
Refer To Instrument I		ALCOHOL_24	11127.gcm				
Reporting of Results	_				nents (UM%):	5.00%	
Overall M	Overall Mean (g/100cc)			High	5 % of Mean		
0.081			0.076	0.086	0.005		
		Rep	orted Resu		iaeselopeeselo.	escendente en en escendente	
		0.081					

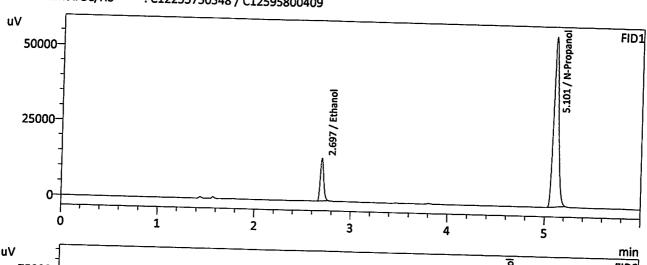
Calibration and control data are stored centrally.

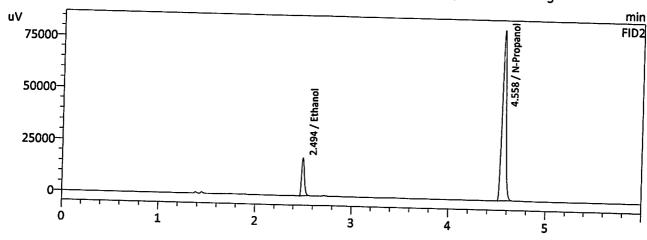


Sample Name Laboratory Injection Date Vial # : QC-1-1 : Meridian

: 11/27/2024 12:49:17 PM

Method Filename : Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409



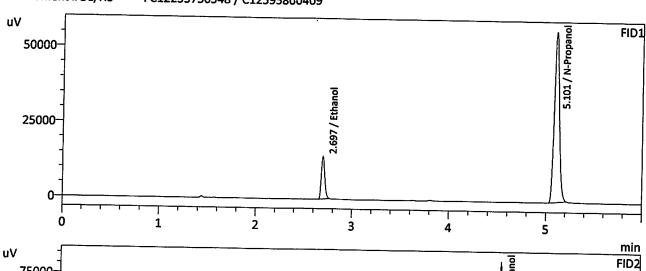


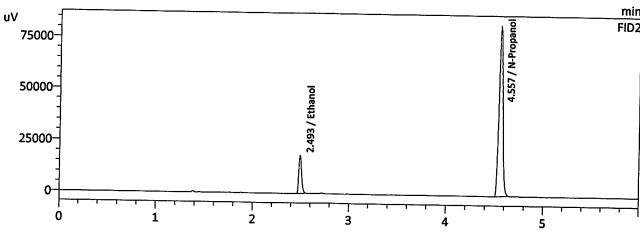
nol		Area	Unit
101			g/100cc
	0.0815	34210	g/100cc
Alcohol			
ne			g/100cc
			g/100cc
inol	0.0000	213637	g/100cc
carbon(s)			g/ 100CC
anol carbon(s)		213637 	

Name	Conc.	Area	Linia
Methanol			Unit
Ethanol		-	g/100cc
	0.0813	36447	g/100cc
Acetone			
Isopropyl Alcohol			g/100cc
N-Propanol			g/100cc
	0.0000	228078	g/100cc
Flour. Hydrocarbon(s)		-	g/100cc

: QC-1-1-B : Meridian : 11/27/2024 1:01:28 PM

Method Filename Instrument #GC/HS : Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Name	Conc.	Area	Unit
Methanoi		-	g/100cc
Ethanol	0.0817	34416	g/100cc
Isopropyl Alcohol			g/100cc
Acetone		-	g/100cc
N-Propanol	0.0000	214176	g/100cc
Fluor. Hydrocarbon(s)		-	g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0817	36723	g/100cc
Acetone			g/100cc
Isopropyi Alcohol			g/100cc
N-Propanol	0.0000	228642	g/100cc
Flour. Hydrocarbon(s)		-	g/100cc

### VOLATILES DETERMINATION CASEFILE WORKSHEET

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

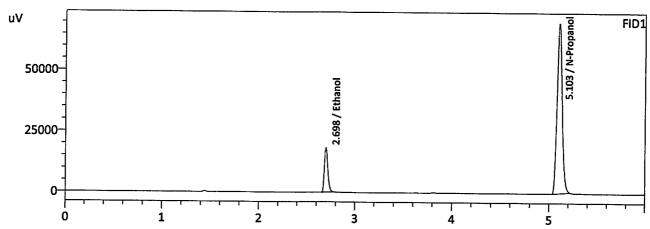
Laboratory No:	QC1-2		Ana	ilysis Date(s):	11/27/2024 9:5	2:32 PM(-07:00)
Y	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	Over-all Mean
Sample Results	0.0863	0.0863	0.0000	0.0863	0.0002	0.0862
(g/100cc)	0.0860	0.0862	0.0002	0.0861	0.0002	0.0002
Analysis Method	and in Marketter the control	1.02				111111111111111111111111111111111111111
Refer to Blood Alcol	hol Method #1					
Instrument Information	on			Instrumen	t information is	s stored centrally.
Refer To Instrument		ALCOHOL_2	41127.gcm	ciliza e sociale de la constanta de la constan		ni arriano es fortespecimo acabilicado de 1900.
Reporting of Results	3		Uncertaint	y of Measurer	ments (UM%):	5.00%
Overall	Mean (g/100co	c)	Low	High	5 %	6 of Mean
	0.086		0.081	0.091		0.005
		Rep	orted Res		(*************************************	Marie (1) i i incelli de special de la constante de la constante de la constante de la constante de la constant
			0.086			nde maksen kom krister kladen blade skriver 22.

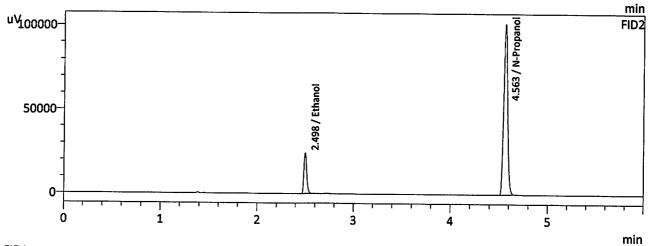
Calibration and control data are stored centrally.

Sample Name Laboratory Injection Date Vial # : QC1-2 : Meridian

: 11/27/2024 9:52:32 PM

Method Filename Instrument #GC/HS : Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0863	45138	g/100cc
Isopropyl Alcohol			g/100cc
Acetone	**		g/100cc
N-Propanol	0.0000	264498	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

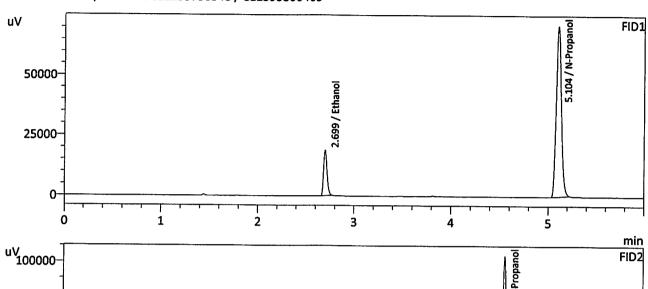
Name	Conc.	Area	Unit
Methanol	••		g/100cc
Ethanol	0.0863	48172	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	282519	g/100cc
Flour. Hydrocarbon(s)			g/100cc

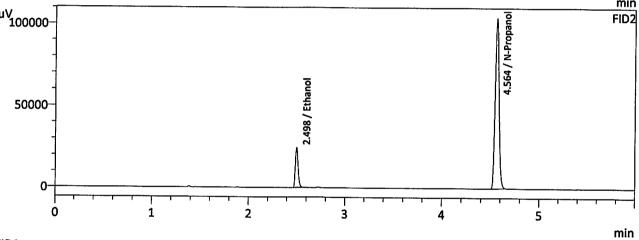
Sample Name Laboratory Injection Date : QC1-2-B : Meridian

: 11/27/2024 10:05:05 PM

Vial #

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409 Method Filename





Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.0860	45786	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	269260	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol	••		g/100cc
Ethanol	0.0862	48957	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	287410	g/100cc
Flour. Hydrocarbon(s)			g/100cc

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No:	QC-2-1		Ana	alysis Date(s):	11/27/2024 5:2	0:47 PM(-07:00)
	Column 1	Column 2	Column	Mean	Sample A-B	
	FID A	FID B	Precision	Value	Difference	Over-all Mean
Sample Results	0.2084	0.2082	0.0002	0.2083	0.0015	0.2090
(g/100cc)	0.2097	0.2099	0.0002	0.2098	0.0015	0.2090
Analysis Method			WII.2			(Minute Shartonia)
Refer to Blood Alco	hol Method #1					
Instrument Informati	on			Instrumen	t information is	s stored centrally.
Refer To Instrument		ALCOHOL_2	41127.gcm			
Reporting of Results		A CANADA CAN	Uncertaint	y of Measure	ments (UM%):	
Overall	Mean (g/100c	c)	Low	High	5 %	% of Mean
	0.209		0.198	0.220		0.011
in his training or the many law in the con-	y in promotody the blue for a filterial		orted Res			e agreement probability in the probability and the con-
			0.209			

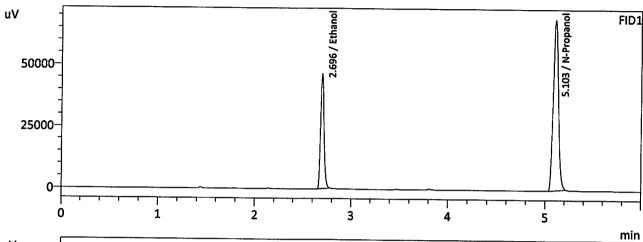
Calibration and control data are stored centrally.

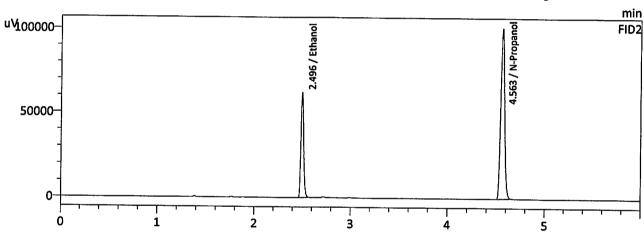
: QC-2-1 : Meridian

: 11/27/2024 5:20:47 PM

Method Filename

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





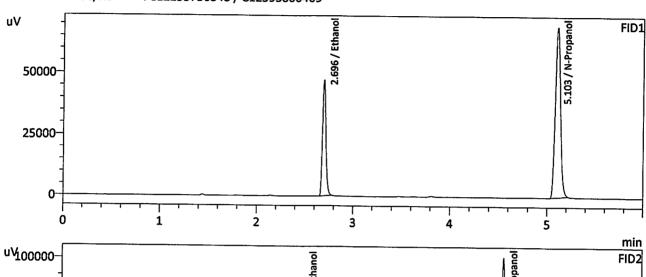
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2084	113913	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	261062	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

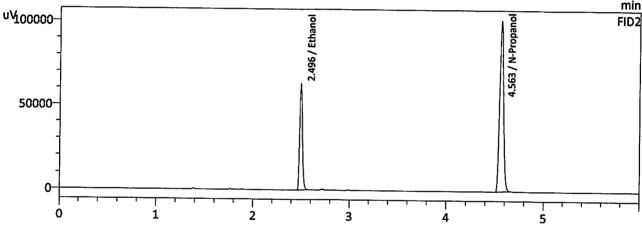
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2082	121640	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	278667	g/100cc
Flour. Hydrocarbon(s)			g/100cc

Sample Name Laboratory Injection Date Vial # : QC-2-1-B : Meridian

: 11/27/2024 5:33:02 PM

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409 **Method Filename** 





Name	Conc.	Area	Unit
Methanol		_	g/100cc
Ethanol	0.2097	115255	g/100cc
Isopropyl Alcohol	••		g/100cc
Acetone			g/100cc
N-Propanol	0.0000	262443	g/100cc
-luor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol	-		g/100cc
Ethanol	0.2099	123491	g/100cc
Acetone		-	g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	280487	g/100cc
Flour. Hydrocarbon(s)	**		g/100cc

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No:	QC2-2	7 <b>2</b> 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ana	alysis Date(s):	11/27/2024 11	:07:05 PM(-07:00)
	Column 1	Column 2	Column	Mean	Sample A-B	
	FID A	FID B	Precision	Value	Difference	Over-all Mean
Sample Results	0.2076	0.2077	0.0001	0.2076	0.0000	0.2092
(g/100cc)	0.2108	0.2110	0.0002	0.2109	0.0033	
Analysis Method						h
Refer to Blood Alcol	hol Method #1					
Instrument Information	on			Instrumen	t information is	s stored centrally.
Refer To Instrument	Method:	ALCOHOL_24	41127.gcm			Andrea ber en ger brank a early beginner (1987)
Reporting of Results			Uncertaint		nents (UM%):	
Overall I	Mean (g/100co	;)	Low	High	5 %	6 of Mean
	0.209		0.198	0.220		0.011
Harding transfer and the second			orted Res			
			0.209			

Calibration and control data are stored centrally.

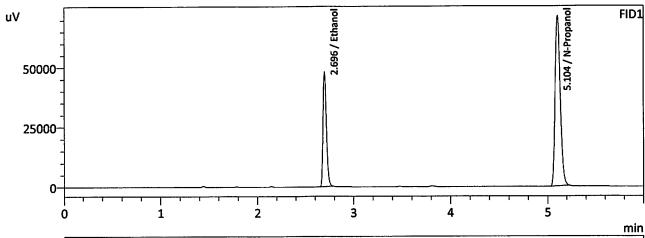


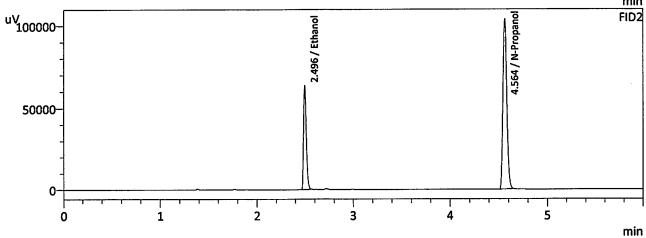
: QC2-2 : Meridian : 11/27/2024 11:07:05 PM

: 53

Method Filename Instrument #GC/HS

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2076	117110	g/100cc
Isopropyl Alcohol			g/100cc
Acetone	_		g/100cc
N-Propanol	0.0000	269432	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

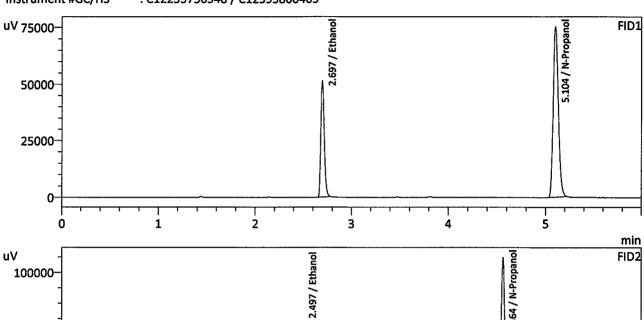
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2077	125120	g/100cc
Acetone			g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	287275	g/100cc
Flour. Hydrocarbon(s)			g/100cc

Sample Name Laboratory Injection Date Vial # : QC2-2-B : Meridian

: 11/27/2024 11:19:17 PM

: 54

Method Filename Instrument #GC/HS : Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409



50000- -	2.4		4.564
0			
0 1	2	3 4	5 min
FID1	Conn		11-24

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2108	125533	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	284236	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

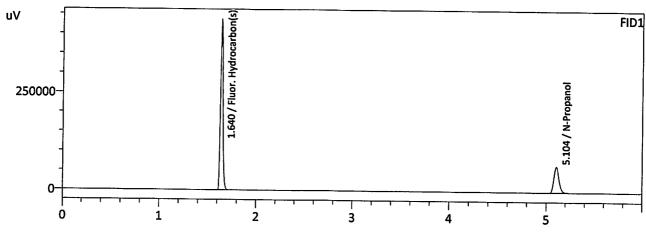
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	0.2110	134441	g/100cc
Acetone	••		g/100cc
Isopropyi Alcohol	**		g/100cc
N-Propanol	0.0000	303706	g/100cc
Flour. Hydrocarbon(s)			g/100cc

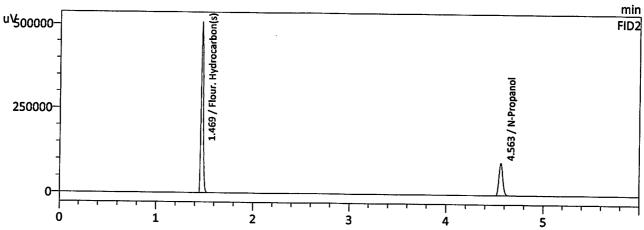
Sample Name Laboratory Injection Date Vial # : DFE 1119140 M : Meridian

: 11/27/2024 11:43:47 PM : 56

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409 Method Filename

Instrument #GC/HS





Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol			g/100cc
Isopropyi Alcohol			g/100cc
Acetone		-	g/100cc
N-Propanol	0.0000	251093	g/100cc
Fluor. Hydrocarbon(s)	0.0000	764935	g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol		-	g/100cc
Acetone	-		g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	268630	g/100cc
Flour. Hydrocarbon(s)	0.0000	800264	g/100cc

min

Sample Name Laboratory Injection Date Vial # : TFE 111914 : Meridian

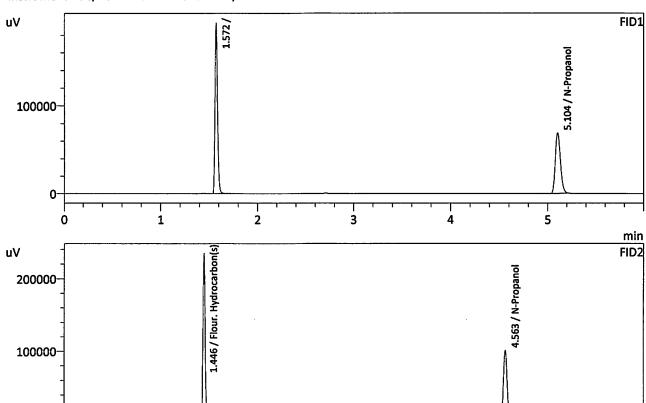
: 11/28/2024 12:08:55 AM

: 58

Method Filename Instrument #GC/HS : Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409

1

0



Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol		-	g/100cc
Isopropyl Alcohol		-	g/100cc
Acetone			g/100cc
N-Propanol	0.0000	260451	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

3

4

5

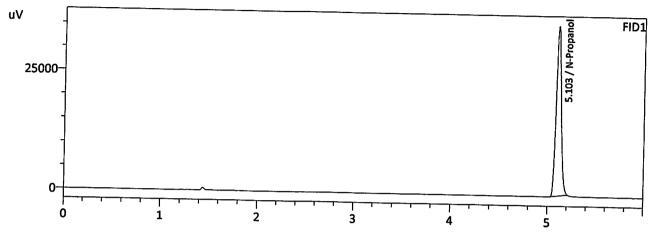
min

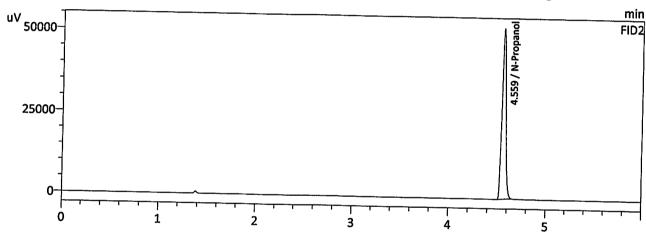
2

Name	Conc.	Area	Unit
Methanol		-	g/100cc
Ethanol			g/100cc
Acetone			g/100cc
isopropyi Alcohol		-	g/100cc
N-Propanol	0.0000	278390	g/100cc
Flour. Hydrocarbon(s)	0.0000	368411	g/100cc

: INT STD BLK 1 : Meridian : 11/27/2024 12:24:23 PM

Method Filename Instrument #GC/HS : Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409





Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol		**	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	135169	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

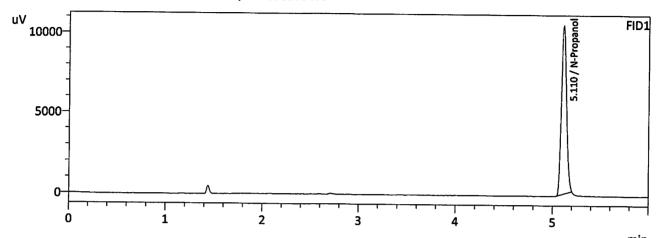
Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol			g/100cc
Acetone			g/100cc
Isopropyl Alcohol	-		g/100cc
N-Propanol	0.0000	144769	g/100cc
Flour. Hydrocarbon(s)			g/100cc g/100cc

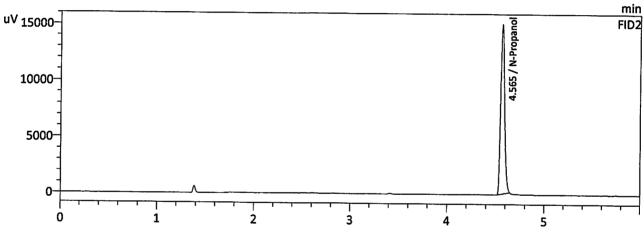
Sample Name Laboratory Injection Date : INT STD BLK 1 : Meridian

: 11/27/2024 11:31:43 PM

Vial #

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409 Method Filename





Name	Conc.	Area	Unit
Methanol	••		g/100cc
Ethanol		_	g/100cc
Isopropyl Alcohol	••	-	g/100cc
Acetone			g/100cc
N-Propanol	0.0000	39475	g/100cc
Fluor. Hydrocarbon(s)			g/100cc

Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol	**	-	g/100cc
Acetone		do to	g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	42203	g/100cc
Flour. Hydrocarbon(s)			g/100cc



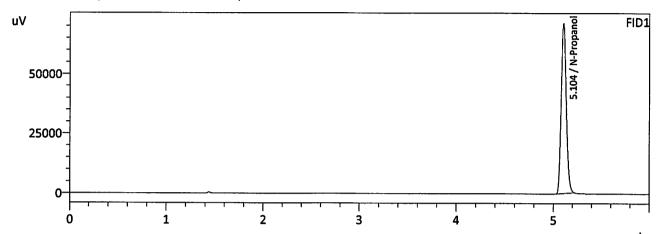
Sample Name Laboratory : INT STD BLK 1 : Meridian

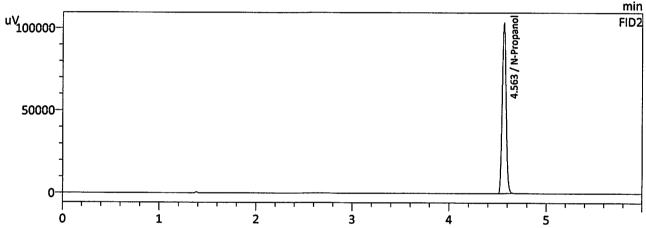
Injection Date Vial # : 11/27/2024 11:56:33 PM

: 57

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409 **Method Filename** 

Instrument #GC/HS





Name	Conc.	Area	Unit
Methanol	••		g/100cc
Ethanol	••	-	g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	268159	g/100cc
Fluor. Hydrocarbon(s)	••		g/100cc

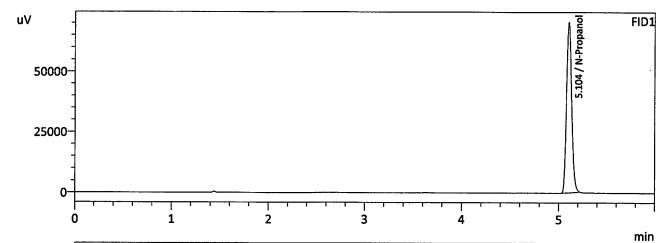
Name	Conc.	Area	Unit
Methanol	••		g/100cc
Ethanol			g/100cc
Acetone		-	g/100cc
Isopropyl Alcohol			g/100cc
N-Propanol	0.0000	286677	g/100cc
Flour. Hydrocarbon(s)			g/100cc

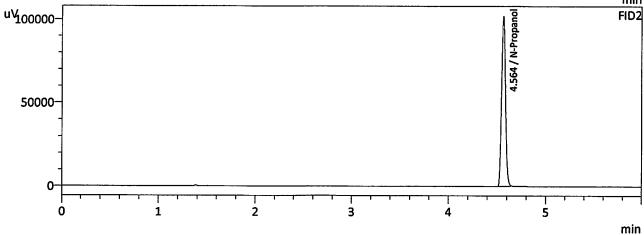
min

Sample Name Laboratory Injection Date Vial # : INT STD BLK

: Meridian : 11/28/2024 12:21:29 AM

: Default Project - ALCOHOL\_241127.gcm : C12255750548 / C12595800409 Method Filename





Name	Conc.	Area	Unit
Methanol			g/100cc
Ethanol			g/100cc
Isopropyl Alcohol			g/100cc
Acetone			g/100cc
N-Propanol	0.0000	265175	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	282808	g/100cc
Flour. Hydrocarbon(s)			g/100cc

