



**Report Number:** 22-005446/D007.R000

**Report Date:** 05/19/2022 **ORELAP#:** OR100028

**Purchase Order:** 

**Received:** 05/11/22 13:58

Customer: Lifted Made Product identity: Lemon

Client/Metrc ID:

**Laboratory ID:** 22-005446-0001

# Summary

Potency	,.
IULEIIU	

Analyte	Result	Limits	Units	Status	THC-Total per 3.75g	
CBD	0.0105		%			
Δ9-THC	0.267		%		CBD-Total per 3.75g	0.394 mg/3.75g
Analyte per 3.75g	Result	Limits	Units	Status		
CBD per 3.75g	0.394		mg/3.75g		(Reported in milligr	ams per serving)
Δ9-THC per 3.75g	10.0		mg/3.75g			

# **Residual Solvents:**

All analytes passing and less than LOQ.

# Metals:

Less than LOQ for all analytes.

# Microbiology:

Less than LOQ for all analytes.





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Customer: Lifted Made

43360 N US HWY 41 Unit H

Zion Illinois 60099

United States of America (USA)

Product identity: Lemon

Client/Metrc ID: Sample Date:

**Laboratory ID:** 22-005446-0001

Evidence of Cooling:NoTemp:25 °CRelinquished by:FedExServing Size #1:3.75 g

# **Sample Results**

Potency	Method J AOA	C 2015 V98-6 (mod)	Units %	Batch: 2204102	<b>Analyze:</b> 5/12/22 9:27:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC	< LOQ		%	0.0032	
CBC-A <sup>†</sup>	< LOQ		%	0.0032	
CBC-Total <sup>†</sup>	< LOQ		%	0.0060	
CBD	0.0105		%	0.0032	
CBD-A	< LOQ		%	0.0032	
CBD-Total	0.0105		%	0.0060	
CBDV <sup>†</sup>	< LOQ		%	0.0032	
CBDV-A <sup>†</sup>	< LOQ		%	0.0032	
CBDV-Total <sup>†</sup>	< LOQ		%	0.0060	
CBE <sup>†</sup>	< LOQ		%	0.0032	
CBG <sup>†</sup>	< LOQ		%	0.0032	
CBG-A <sup>†</sup>	< LOQ		%	0.0032	
CBG-Total	< LOQ		%	0.0060	
CBL <sup>†</sup>	< LOQ		%	0.0032	
CBL-A <sup>†</sup>	< LOQ		%	0.0032	
CBL-Total <sup>†</sup>	< LOQ		%	0.0060	
CBN	< LOQ		%	0.0032	
CBT <sup>†</sup>	< LOQ		%	0.0032	
$\Delta 8$ -THCV	< LOQ		%	0.0032	
$\Delta 8$ -THC	< LOQ		%	0.0032	
Δ9-THC	0.267		%	0.0032	
exo-THC	< LOQ		%	0.0032	
THC-A	< LOQ		%	0.0032	
THC-Total	0.267		%	0.0060	
THCV <sup>†</sup>	< LOQ		%	0.0032	
THCV-A <sup>†</sup>	< LOQ		%	0.0032	
THCV-Total <sup>†</sup>	< LOQ		%	0.0060	
Total Cannabinoids <sup>†</sup>	0.278		%		





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Potency per 3.75g	<b>Method</b> J AOA	AC 2015 V98-6 (mod) Units mg/se Bato	ch: 2204102	<b>Analyze:</b> 5/12/22 9:27:00 PM
Analyte	Result	Limits Units	LOQ	Notes
CBC per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBC-A per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBC-Total per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0601	
CBD per 3.75g	0.394	mg/3.75g	0.120	
CBD-A per 3.75g	< LOQ	mg/3.75g	0.0320	
CBD-Total per 3.75g	0.394	mg/3.75g	0.225	
CBDV per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBDV-A per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBDV-Total per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0598	
CBE per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBG per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBG-A per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBG-Total per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0598	
CBL per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBL-A per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
CBL-Total per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0601	
CBN per 3.75g	< LOQ	mg/3.75g	0.0320	
CBT per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
$\Delta 8$ -THCV per 3.75g $^{\dagger}$	< LOQ	mg/3.75g	0.0320	
$\Delta 8$ -THC per 3.75g $^{\dagger}$	< LOQ	mg/3.75g	0.0320	
$\Delta 9$ -THC per 3.75g	10.0	mg/3.75g	0.120	
exo-THC per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
THC-A per 3.75g	< LOQ	mg/3.75g	0.0320	
THC-Total per 3.75g	10.0	mg/3.75g	0.225	
THCV per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
THCV-A per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0320	
THCV-Total per 3.75g <sup>†</sup>	< LOQ	mg/3.75g	0.0602	
Total Cannabinoids per 3.75g	10.4	mg/3.75g		

Microbiology Analyte Units LOQ Method Status Notes Result Limits **Batch Analyze** E.coli < LOQ cfu/g 2204061 05/14/22 AOAC 991.14 (Petrifilm) Χ 10 **Total Coliforms** < LOQ cfu/g 10 2204061 05/14/22 AOAC 991.14 (Petrifilm) Χ Mold (RAPID Petrifilm) 05/15/22 AOAC 2014.05 (RAPID) Χ < LOQ cfu/g 10 2204062 Yeast (RAPID Petrifilm) < LOQ cfu/g 10 2204062 05/15/22 AOAC 2014.05 (RAPID) Χ





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Solvents	Method	Residua	l Solve	ents by	GC/MS	Units μg/g Batch 22	204278	Analyz	<b>e</b> 05/1	19/22 11:	:19 AM
Analyte	Result	Limits	LOQ :	Status	Notes	Analyte	Result	Limits	LOQ	Status N	lotes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
Arsenic	< LOQ	0.200	mg/kg	0.0178	2204180	05/16/22	AOAC 2013.06 (mod.)	pass	Χ
Cadmium	< LOQ	0.200	mg/kg	0.0178	2204180	05/16/22	AOAC 2013.06 (mod.)	pass	Χ
Lead	< LOQ	0.500	mg/kg	0.0178	2204180	05/16/22	AOAC 2013.06 (mod.)	pass	Χ
Mercury	< LOQ	0.100	mg/kg	0.00888	2204180	05/16/22	AOAC 2013.06 (mod.)	pass	Χ





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These test results are representative of the individual sample selected and submitted by the client.

# **Abbreviations**

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

## Units of Measure

cfu/g = Colony forming units per gram g = g  $\mu g/g = Microgram per gram <math>mg/kg = Milligram per kilogram = parts per million (ppm) <math>mg/3.75g = Milligram per 3.75g$  % = Percentage of sample % wt =  $\mu g/g$  divided by 10,000

# Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner General Manager





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Revision: 1 Document ID: 7148 Legacy ID: Worksheet Validated 04/20/2021

#### **Laboratory Quality Control Results**

J AOAC 2015 V98-6 Batch ID: 2204102								
Laboratory Co	ntrol Sample							_
Analyte	LCS	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDVA	1	0.0330	0.0332	%	99.2	80.0 - 120	Acceptable	
CBDV	1	0.0337	0.0345	%	97.9	80.0 - 120	Acceptable	
CBE	1	0.0319	0.0334	%	95.7	80.0 - 120	Acceptable	
CBDA	1	0.0355	0.0333	%	106	90.0 - 110	Acceptable	
CBGA	1	0.0330	0.0333	%	99.0	90.0 - 110	Acceptable	
CBG	1	0.0319	0.0333	%	95.7	90.0 - 110	Acceptable	
CBD	1	0.0330	0.0333	%	99.1	80.0 - 120	Acceptable	
THCV	1	0.0398	0.0413	%	96.6	80.0 - 120	Acceptable	
d8THCV	1	0.0235	0.0247	%	95.3	80.0 - 120	Acceptable	
THCVA	1	0.0323	0.0327	%	98.8	80.0 - 120	Acceptable	
CBN	1	0.0337	0.0333	%	101	90.0 - 110	Acceptable	
exo-THC	1	0.0322	0.0331	%	97.2	80.0 - 120	Acceptable	
d9THC	1	0.0342	0.0333	%	103	80.0 - 120	Acceptable	
d8THC	1	0.0310	0.0333	%	93.0	80.0 - 120	Acceptable	
CBL	1	0.0310	0.0329	%	94.3	80.0 - 120	Acceptable	
CBC	1	0.0328	0.0347	%	94.6	80.0 - 120	Acceptable	
THCA	1	0.0361	0.0333	%	108	90.0 - 110	Acceptable	
CBCA	1	0.0322	0.0332	%	96.8	80.0 - 120	Acceptable	
CBLA	1	0.0343	0.0350	%	97.9	80.0 - 120	Acceptable	
CBT	1	0.0307	0.0342	%	89.8	80.0 - 120	Acceptable	

#### **Method Blank**

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBDV	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBE	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBDA	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBGA	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBG	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBD	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCV	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d8THCV	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCVA	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBN	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
exo-THC	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d9THC	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d8THC	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBL	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBC	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
THCA	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBCA	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBLA	<l0q< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></l0q<>	0.003	%	< 0.003	Acceptable	
CBT	<loq< td=""><td>0.003</td><td>%</td><td>&lt; 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	

## **Abbreviations**

ND - None Detected at or above MRL RPD - Relative Percent Difference LOQ - Limit of Quantitation

## Units of Measure:

% - Percent





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Revision: 1 Document ID: 7148 Legacy ID: Worksheet Validated 04/20/2021

#### **Laboratory Quality Control Results**

J AOAC 2015	C 2015 V98-6 Batch ID: 2204102										
Sample Dupli	cate				Samı	ole ID: <b>22-00539</b>	5-0001				
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes			
CBDVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBDV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBE	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBDA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBGA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBG	0.00594	0.00539	0.003	%	9.70	< 20	Acceptable				
CBD	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
THCV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
d8THCV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
THCVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBN	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
exo-THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
d9THC	0.243	0.222	0.003	%	9.34	< 20	Acceptable				
d8THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBL	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
THCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBLA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
CBT	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				
d9THCO	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable				

## **Abbreviations**

ND - None Detected at or above MRL RPD - Relative Percent Difference LOQ - Limit of Quantitation

# Units of Measure:





**Report Number:** 22-005446/D007.R000

**Report Date:** 05/19/2022 ORELAP#: OR100028

**Purchase Order:** 

Received: 05/11/22 13:58

Revision: Document ID: Legacy ID: Effective:

	La	borator	y Qual	ity Contro	ol Results				Le	gacy	ID: Effective:
Residual Solvents				•		Bat	ch ID:	220427	78		
Method Blank					Laboratory	v Control Sa	ample				
Analyte	Result		LOQ	Notes	Result	Spike	Units	% Rec	Li	imits	Notes
Propane	ND	<	200		453	572	μg/g	79.2	60	- 120	)
Isobutane	ND	<	200		688	731	µg/g	94.1	60	- 120	)
Butane	ND	<	200		665	731	µg/g	91.0	60	- 120	)
2,2-Dimethylpropane	ND	<	200		779	936	μg/g	83.2	60	- 120	)
Methanol	ND	<	200		1490	1620	μg/g	92.0	60	- 120	)
Ethylene Oxide	ND	<	30		50.2	56.2	μg/g	89.3	60	- 120	)
2-Methylbutane	ND	<	200		1540	1620	μg/g	95.1	60	- 120	)
Pentane	ND	<	200		1520	1610	μg/g	94.4	60	- 120	)
Ethanol	ND	<	200		1630	1630	μg/g	100.0	70	- 130	)
Ethyl Ether	ND	<	200		1510	1620	μg/g	93.2	60	- 120	)
2,2-Dimethylbutane	ND	<	30		162	174	μg/g	93.1	60	- 120	)
Acetone	ND	<	200		1390	1650	µg/g	84.2	60	- 120	)
2-Propanol	ND	<	200		1470	1610	µg/g	91.3	60	- 120	)
Acetonitrile	ND	<	100		475	498	µg/g	95.4	60	- 120	)
2,3-Dimethylbutane	ND	<	30		164	176	μg/g	93.2	60	- 120	)
Dichloromethane	ND	<	60		528	510	μg/g	103.5	60	- 120	)
2-Methylpentane	ND	<	30		164	176	µg/g	93.2	60	- 120	)
3-Methylpentane	ND	<	30		158	175	µg/g	90.3	60	- 120	)
Hexane	ND	<	30		161	177	µg/g	91.0	60	- 120	)
Ethyl acetate	ND	<	200		1460	1630	µg/g	89.6	60	- 120	)
2-Butanol	ND	<	200		1610	1620	μg/g	99.4	60	- 120	)
Tetrahydrofuran	ND	<	100		457	500	μg/g	91.4	60	- 120	)
Cyclohexane	ND	<	200		1440	1620	μg/g	88.9	60	- 120	)
Benzene	ND	<	1		4.34	5.32	μg/g	81.6	60	- 120	)
Isopropyl Acetate	ND	<	200		1340	1620	μg/g	82.7	60	- 120	)
Heptane	ND	<	200		1370	1770	μg/g	77.4	60	- 120	)
1,4-Dioxane	ND	<	100		442	504	μg/g	87.7	60	- 120	)
2-Ethoxyethanol	ND	<	30		134	181	μg/g	74.0	60	- 120	)
Ethylene Glycol	ND	<	200		286	494	μg/g	57.9	60	- 120	Q6
Toluene	ND	<	100		408	491	μg/g	83.1	60	- 120	)
Ethylbenzene	ND	<	200		749	973	μg/g	77.0	60	- 120	)
m,p-Xylene	ND	<	200		742	996	μg/g	74.5	60	- 120	)
o-Xylene	ND	<	200		735	973	μg/g	75.5	60	- 120	)
Cumene	ND	<	30		128	170	µg/g	75.3	60	- 120	)





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QC - Sample Duplicate	- Sample Duplicate Sample ID: 22-005427-0001						
Analyte	Result	Org. Result	LOQ Units	RPD	Limits	Accept/Fail	Notes
Propane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Butane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30 μg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Pentane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Ethyl Ether	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30 μg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100 μg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30 μg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60 μg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30 μg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30 μg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30 μg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200 μg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100 μg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1 μg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200 μg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100 μg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30 μg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100 μg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200 μg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200 μg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200 μg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30 μg/g	0.0	< 20	Acceptable	

## Abbreviations

Units of Measure:

ND - None Detected at or above MRL

μg/g- Microgram per gram or ppm

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.





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# Explanation of QC Flag Comments:

Code	Explanation							
Q	Matrix interferences affecting spike or surrogate recoveries.							
Q1	Quality control result biased high. Only non-detect samples reported.							
Q2	Quality control outside QC limits. Data considered estimate.							
Q3	Sample concentration greater than four times the amount spiked.							
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.							
Q5	Spike results above calibration curve.							
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.							
R	Relative percent difference (RPD) outside control limit.							
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.							
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.							
LOQ1	Quantitation level raised due to low sample volume and/or dilution.							
LOQ2	Quantitaion level raised due to matrix interference.							
В	Analyte detected in method blank, but not in associated samples.							
B1	The sample concentration is greater than 5 times the blank concentration.							
B2	The sample concentration is less than 5 times the blank concentration.							