



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794



Report Number: 22-006771/D002.R001
Report Date: 06/20/2022
ORELAP#: OR100028
Purchase Order:
Received: 06/10/22 11:27

This is an amended version of report# 22-006771/D002.R000.
 Reason: Customer Request.

Customer: GVB Oregon
Product identity: Comp. BSD GVL-TST270
Manufactured Date: 6/9/2022
Retest Date: 6/9/2024
Laboratory ID: 22-006771-0001

Summary

Potency:

Analyte	Result (%)		
CBD	90.6	<ul style="list-style-type: none"> ● CBD ● CBDV ● CBC ● CBT ● CBG ● 9-THC ● CBN 	CBD-Total 90.6%
CBDV [†]	0.528		THC-Total 0.213%
CBC	0.430		(Reported in percent of total sample)
CBT [†]	0.427		
CBG [†]	0.293		
Δ9-THC	0.213		
CBN	0.175		

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.



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Customer: GVB Oregon
United States of America (USA)
Product identity: Comp. BSD GVL-TST270
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-006771-0001
Evidence of Cooling: No
Temp: 30.3 °C
Relinquished by: Client

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2205078	Analyze: 6/14/22 1:00:00 PM
Analyte	As Received	Dry weight	LOQ	Notes	<ul style="list-style-type: none"> ● CBD ● CBDV ● CBC ● CBT ● CBG ● 9-THC ● CBN 	
CBC	0.430		0.0674			
CBC-A [†]	< LOQ		0.0674			
CBC-Total [†]	0.430		0.126			
CBD	90.6		0.674			
CBD-A	< LOQ		0.0674			
CBD-Total	90.6		0.733			
CBDV [†]	0.528		0.0674			
CBDV-A [†]	< LOQ		0.0674			
CBDV-Total [†]	0.528		0.126			
CBE [†]	< LOQ		0.0674			
CBG [†]	0.293		0.0674			
CBG-A [†]	< LOQ		0.0674			
CBG-Total	0.293		0.126			
CBL [†]	< LOQ		0.0674			
CBL-A [†]	< LOQ		0.0674			
CBL-Total [†]	< LOQ		0.126			
CBN	0.175		0.0674			
CBT [†]	0.427		0.0674			
Δ8-THC	< LOQ		0.0674			
Δ8-THCV	< LOQ		0.0674			
Δ9-THC	0.213		0.0674			
exo-THC	< LOQ		0.0674			
THC-A	< LOQ		0.0674			
THC-Total	0.213		0.126			
THCV [†]	< LOQ		0.0674			
THCV-A [†]	< LOQ		0.0674			
THCV-Total [†]	< LOQ		0.126			
Total Cannabinoids[†]	92.7					



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Solvents						Residual Solvents by GC/MS					Units	µg/g	Batch	2205208	Analyze	06/20/22	09:17 AM	
Analyte	Method	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes						
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	500	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							



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2205216 Analyze 06/17/22 04:51 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclotrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							



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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

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

Company: GVB Oregon		Analysis Requested											Purchase Order Number:					
Contact: Bharath Pogula		Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Water Activity	Moisture	Terpenes	Micro: Yeast and Mold	Micro: E. Coli and Total Coliform	Heavy Metals	Mycotoxins	Other APC, Salmonella	Project Number:		<input type="checkbox"/> Report Instructions: <input type="checkbox"/> Send to State - METRC <input type="checkbox"/> Email Final Results: <input type="checkbox"/> Fax Final Results <input type="checkbox"/> Cash/Check/CC/Net 30 Other:		
Address: 212 NE North St. Grass Valley, OR - 97029														Project Name:				
Email: testing@gvbbiopharma.com														Matrix	Weight		Serving size for edibles	Comments/Metric ID
Phone: 973-722-5455 Fax:																		
Processor's License: AG-R1065475IHH																		
Field ID	Date/Time Collected																	
Comp. BSD GVL-TST270	6/10/2022 8 AM			X										NA	5g	NA	Mfg.date: 6/9/2022	
FSE Mix GVL-TST271	6/10/2022 8 AM			X					X	X	X	X		NA	50g	NA		
GVRDR 5321 (6/10/22)	6/10/22 8 AM			X										NA	5g	NA		

Collected By:	Relinquished By:	Date	Time	Received by:	Date	Time	Lab Use Only:
<input type="checkbox"/> Standard (5 day) <input checked="" type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input checked="" type="checkbox"/> Priority Rush (2 day) (2x Standard)	<i>BP</i>	6/10/2022	8 AM	<i>[Signature]</i>	6-10-22	8:40	Client Alias: Order Number: Proper Container Sample Condition Temperature: 30.3 Shipped Via: Curie Evidence of cooling: <input checked="" type="checkbox"/> No

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM

Revision: 2.00 Control#: CF023
Effective 04/29/2019 Revised 04/29/2019

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www.columbiainfoodlab.com

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



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

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2205078

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	1	0.108	0.100	%	108	80.0	- 120	Acceptable	
CBDV	1	0.115	0.100	%	115	80.0	- 120	Acceptable	
CBE	1	0.105	0.100	%	105	80.0	- 120	Acceptable	
CBDA	1	0.101	0.100	%	101	90.0	- 110	Acceptable	
CBGA	1	0.0972	0.100	%	97.2	80.0	- 120	Acceptable	
CBG	1	0.0947	0.100	%	94.7	80.0	- 120	Acceptable	
CBD	1	0.103	0.100	%	103	90.0	- 110	Acceptable	
THCV	1	0.101	0.100	%	101	80.0	- 120	Acceptable	
d8THCV	1	0.103	0.100	%	103	80.0	- 120	Acceptable	
THCVA	1	0.105	0.100	%	105	80.0	- 120	Acceptable	
CBN	1	0.101	0.100	%	101	90.0	- 110	Acceptable	
exo-THC	1	0.0986	0.100	%	98.6	80.0	- 120	Acceptable	
d9THC	1	0.0985	0.100	%	98.5	90.0	- 110	Acceptable	
d8THC	1	0.0943	0.100	%	94.3	80.0	- 120	Acceptable	
CBL	1	0.103	0.100	%	103	80.0	- 120	Acceptable	
9S-HHC	3	0.0902	0.100	%	90.2	80.0	- 120	Acceptable	
CBC	1	0.103	0.100	%	103	80.0	- 120	Acceptable	
9R-HHC	3	0.0959	0.100	%	95.9	80.0	- 120	Acceptable	
THCA	1	0.0988	0.100	%	98.8	90.0	- 110	Acceptable	
CBCA	1	0.108	0.100	%	108	80.0	- 120	Acceptable	
CBLA	1	0.110	0.100	%	110	80.0	- 120	Acceptable	
d8THCO	3	0.0813	0.100	%	81.3	80.0	- 120	Acceptable	
CBT	1	0.0965	0.100	%	96.5	80.0	- 120	Acceptable	
d9THCO	3	0.113	0.100	%	113	80.0	- 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBDV	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBE	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBDA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBGA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBG	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBD	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCV	<LOQ	0.0077	%	< 0.0077	Acceptable	
d8THCV	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCVA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBN	<LOQ	0.0077	%	< 0.0077	Acceptable	
exo-THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
d9THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
d8THC	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBL	<LOQ	0.0077	%	< 0.0077	Acceptable	
9S-HHC	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBC	<LOQ	0.0077	%	< 0.0077	Acceptable	
9R-HHC	<LOQ	0.0077	%	< 0.0077	Acceptable	
THCA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBCA	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBLA	<LOQ	0.0077	%	< 0.0077	Acceptable	
d8THCO	<LOQ	0.0077	%	< 0.0077	Acceptable	
CBT	<LOQ	0.0077	%	< 0.0077	Acceptable	
d9THCO	<LOQ	0.0077	%	< 0.0077	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD - Relative Percent Difference



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Laboratory Quality Control Results

LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Laboratory Quality Control Results

JAOAC2015 V986		Batch ID: 2205078						
Sample Duplicate		Sample ID: 22-006309-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDV	0.923	0.953	0.077	%	3.14	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBD	97.4	96.8	0.077	%	0.631	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
9R-HHC	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d8THCO	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
CBT	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.077	%	NA	< 20	Acceptable	

Abbreviations

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

Units of Measure:



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Revision: Document ID:
 Legacy ID: Effective:

Laboratory Quality Control Results

Residual Solvents				Batch ID: 2205208					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	Spike	Units	% Rec	Limits	Notes
Propane	ND	< 200		539	572	µg/g	94.2	60 - 120	
Isobutane	ND	< 200		705	731	µg/g	96.4	60 - 120	
Butane	ND	< 200		674	731	µg/g	92.2	60 - 120	
2,2-Dimethylpropane	ND	< 200		872	936	µg/g	93.2	60 - 120	
Methanol	ND	< 200		1510	1650	µg/g	91.5	60 - 120	
Ethylene Oxide	ND	< 30		55.7	56.2	µg/g	99.1	60 - 120	
2-Methylbutane	ND	< 200		1460	1620	µg/g	90.1	60 - 120	
Pentane	ND	< 200		1460	1610	µg/g	90.7	60 - 120	
Ethanol	ND	< 200		1430	1620	µg/g	88.3	70 - 130	
Ethyl Ether	ND	< 200		1450	1600	µg/g	90.6	60 - 120	
2,2-Dimethylbutane	ND	< 30		151	167	µg/g	90.4	60 - 120	
Acetone	ND	< 200		1470	1620	µg/g	90.7	60 - 120	
2-Propanol	ND	< 200		1460	1610	µg/g	90.7	60 - 120	
Ethyl Formate	ND	< 500		1300	1620	µg/g	80.2	70 - 130	
Acetonitrile	ND	< 100		571	635	µg/g	89.9	60 - 120	
Methyl Acetate	ND	< 500		1330	1630	µg/g	81.6	70 - 130	
2,3-Dimethylbutane	ND	< 30		140	177	µg/g	79.1	60 - 120	
Dichloromethane	ND	< 60		494	498	µg/g	99.2	60 - 120	
2-Methylpentane	ND	< 30		137	166	µg/g	82.5	60 - 120	
MTBE	ND	< 500		1370	1600	µg/g	85.6	70 - 130	
3-Methylpentane	ND	< 30		159	175	µg/g	90.9	60 - 120	
Hexane	ND	< 30		158	174	µg/g	90.8	60 - 120	
1-Propanol	ND	< 500		1200	1620	µg/g	74.1	70 - 130	
Methyl ethyl ketone	ND	< 500		1250	1600	µg/g	78.1	70 - 130	
Ethyl acetate	ND	< 200		1420	1610	µg/g	88.2	60 - 120	
2-Butanol	ND	< 200		1460	1620	µg/g	90.1	60 - 120	
Tetrahydrofuran	ND	< 100		430	507	µg/g	84.8	60 - 120	
Cyclohexane	ND	< 200		1470	1610	µg/g	91.3	60 - 120	
2-methyl-1-propanol	ND	< 500		1170	1640	µg/g	71.3	70 - 130	
Benzene	ND	< 1		4.48	5.22	µg/g	85.8	60 - 120	
Isopropyl Acetate	ND	< 200		1450	1610	µg/g	90.1	60 - 120	
Heptane	ND	< 200		1410	1610	µg/g	87.6	60 - 120	
1-Butanol	ND	< 500		1320	1610	µg/g	82.0	70 - 130	
Propyl Acetate	ND	< 500		1290	1610	µg/g	80.1	70 - 130	
1,4-Dioxane	ND	< 100		470	508	µg/g	92.5	60 - 120	
2-Ethoxyethanol	ND	< 30		137	165	µg/g	83.0	60 - 120	
Methylisobutylketone	ND	< 500		1180	1610	µg/g	73.3	70 - 130	
3-Methyl-1-butanol	ND	< 500		1280	1600	µg/g	80.0	70 - 130	
Ethylene Glycol	ND	< 200		488	492	µg/g	98.8	60 - 120	
Toluene	ND	< 100		449	497	µg/g	90.3	60 - 120	
Isobutyl Acetate	ND	< 500		1290	1610	µg/g	80.1	70 - 130	
1-Pentanol	ND	< 500		1200	1600	µg/g	75.0	70 - 130	
Butyl Acetate	ND	< 500		1360	1610	µg/g	84.5	70 - 130	
Ethylbenzene	ND	< 200		904	980	µg/g	92.2	60 - 120	
m,p-Xylene	ND	< 200		896	985	µg/g	91.0	60 - 120	
o-Xylene	ND	< 200		888	965	µg/g	92.0	60 - 120	
Cumene	ND	< 30		153	168	µg/g	94.6	60 - 120	
Anisole	ND	< 500		1340	1600	µg/g	83.8	70 - 130	
DMSO	ND	< 500		1110	1610	µg/g	68.9	70 - 130	Q6
1,2-dimethoxyethane	ND	< 50		134	165	µg/g	81.2	70 - 130	
Triethylamine	ND	< 500		1070	1620	µg/g	66.0	70 - 130	Q6
N,N-dimethylformamide	ND	< 150		363	481	µg/g	75.5	70 - 130	
N,N-dimethylacetamide	ND	< 150		349	480	µg/g	72.7	70 - 130	
Pyridine	ND	< 50		140	171	µg/g	81.9	70 - 130	
1,2-Dichloroethane	ND	< 1		0.867	1	µg/g	86.7	70 - 130	
Chloroform	ND	< 1		0.848	1	µg/g	84.8	70 - 130	
Trichloroethylene	ND	< 1		0.875	1	µg/g	87.5	70 - 130	



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ORELAP#: OR100028
Purchase Order:
Received: 06/10/22 11:27

Revision: Document ID:
 Legacy ID: Effective:

QC- Sample Duplicate	Sample ID: 22-006833-0002						
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	
Ethyl Formate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Methyl Acetate	ND	ND	500 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	
MTBE	ND	ND	500 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	
1-Propanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Methylethylketone	ND	ND	500 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	
2-methyl-1-propanol	ND	ND	500 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-Butanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Propyl Acetate	ND	ND	500 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	
Methylisobutylketone	ND	ND	500 µg/g	0.0	< 20	Acceptable	
3-Methyl-1-butanol	ND	ND	500 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	
Isobutyl Acetate	ND	ND	500 µg/g	0.0	< 20	Acceptable	
1-Pentanol	ND	ND	500 µg/g	0.0	< 20	Acceptable	
Butyl Acetate	ND	ND	500 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	
Anisole	ND	ND	500 µg/g	0.0	< 20	Acceptable	
DMSO	ND	ND	500 µg/g	0.0	< 20	Acceptable	
1,2-dimethoxyethane	ND	ND	50 µg/g	0.0	< 20	Acceptable	
Triethylamine	ND	ND	500 µg/g	0.0	< 20	Acceptable	
N,N-dimethylformamide	ND	ND	150 µg/g	0.0	< 20	Acceptable	
N,N-dimethylacetamide	ND	ND	150 µg/g	0.0	< 20	Acceptable	
Pyridine	ND	ND	50 µg/g	0.0	< 20	Acceptable	
1,2-Dichloroethane	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Chloroform	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Trichloroethylene	ND	ND	1 µg/g	0.0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
 RPD- Relative Percent Difference
 LOQ- Limit of Quantitation
 Q6- Quality control outside QClimits. Data acceptable based on remaining QC.

Units of Measure:

µg/g- Microgram per gram or ppm



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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	Quantitation level raised due to matrix interference.
B	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.