



12423 NE Whitaker Way
Portland, OR 97230

503-254-1794
Purchase Order:
Report 22-006484/D002.R001
Number: 06/16/2022
Report Date: OR100028



Received: 06/03/22 14:40

This is an amended version of report# 22-006484/D002.R000.

Reason: Report includes additional testing.

Customer: CBN iso
GVL-TST267
Product identity: 6/2/2022
Manufactured 6/2/2024
Date: Retest Date: 22-006484-0002

GVB Oregon

Laboratory ID: **Summary**

Potency:

Analyte Result (%) CBN 97.4	CBN	
		CBD-Total <LOQ
		THC-Total <LOQ
		(Reported in percent of total sample)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.



Whitaker Way

Portland, OR 97230
503-254-1794
Report Number: Report

Date: ORELAP#: 06/16/2022
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22-006484/D002.R001



Received: 06/03/22 14:40

Customer: GVB Oregon
United States of America (USA)

Product identity: CBN iso GVL-TST267

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-006484-0002

Relinquished by: Client

Evidence of Cooling: No

Temp: 39.2 °C

Sample Results

Potency Method J AOAC 2015 V98-6 (mod) Units % Batch: 2204804 Analyze: 6/7/22 10:05:00 AM

Analyte As Received	weight	LOQ Notes
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Dry		
CBC < LOQ 0.0747		
CBC-A [†] < LOQ 0.0747		
CBC-Total [†] < LOQ 0.140		
CBD < LOQ 0.0747		
CBD-A < LOQ 0.0747		
CBD-Total < LOQ 0.140		
CBDV [†] < LOQ 0.0747		
CBDV-A [†] < LOQ 0.0747		
CBDV-Total [†] < LOQ 0.140		
CBE [†] < LOQ 0.0747		
CBG [†] < LOQ 0.0747		
CBG-A [†] < LOQ 0.0747		
CBG-Total < LOQ 0.140		
CBL [†] < LOQ 0.0747		
CBL-A [†] < LOQ 0.0747		
CBL-Total [†] < LOQ 0.140		
CBN 97.4 0.747		
CBT [†] < LOQ 0.0747		
Δ8-THC < LOQ 0.0747		
Δ8-THCV < LOQ 0.0747		
Δ9-THC < LOQ 0.0747		
exo-THC < LOQ 0.0747		
THC-A < LOQ 0.0747		
THC-Total < LOQ 0.140		
THCV [†] < LOQ 0.0747		
THCV-A [†] < LOQ 0.0747		
THCV-Total [†] < LOQ 0.140		
Total Cannabinoids 97.4 [†]		

CBN

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



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 Portland, OR 97230



Received: 06/03/22 14:40

Solvents Method Residual Solvents by GC/MS **Units** µg/g **Batch** 2204889 **Analyze** 06/08/22 03:27 PM **Analyte 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 < LOQ

200

(Isopentane)

2-Methylpentane < LOQ 30.0 2-Propanol (IPA) < LOQ 5000 200 pass

2,2-Dimethylbutane < LOQ 30.0 2,2-Dimethylpropane < LOQ

200

(neo-pentane)

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 < LOQ 70.0 pass

30.0 m,p-Xylene < LOQ 200

(Cumene)

Methanol < LOQ 3000 200 pass Methylene chloride < LOQ 600 60.0 pass

Methylpropane < LOQ (Isobutane) 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 < LOQ 2170 pass

600

benzene

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Received: 06/03/22 14:40

Pesticides Method AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2204795 **Analyze** 06/06/22 05:05 PM **Analyte Result**

Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
				Abamectin	< LOQ	0.100	0.100	pass	
				Acephate	< LOQ	0.100	0.100	pass	
				Acequinocyl	< LOQ	0.100	0.100	pass	
				Acetamiprid	< LOQ	0.100	0.100	pass	
				Aldicarb	< LOQ	0.100	0.100	pass	
				Azoxystrobin	< LOQ	0.100	0.100	pass	
				Bifenazate	< LOQ	0.100	0.100	pass	
				Bifenthrin	< LOQ	3.00	3.00	pass	
				Boscalid	< LOQ	0.100	0.100	pass	
				Captan	< LOQ	0.700	0.700	pass	
				Carbaryl	< LOQ	0.500	0.500	pass	
				Carbofuran	< LOQ	0.100	0.100	pass	
				Chlorantraniliprole	< LOQ	10.0	3.00	pass	
				Chlordane	< LOQ	0.1	0.100	pass	
				Chlorfenapyr	< LOQ	0.100	0.100	pass	
				Chlorpyrifos	< LOQ	0.100	0.100	pass	
				Clofentezine	< LOQ	0.100	0.100	pass	
				Coumaphos	< LOQ	0.100	0.100	pass	
				Cyfluthrin	< LOQ	2.00	2.00	pass	
				Cypermethrin	< LOQ	1.00	1.00	pass	
				Daminozide	< LOQ	0.100	0.100	pass	
				Diazinon	< LOQ	0.100	0.100	pass	
				Dichlorvos	< LOQ	0.100	0.100	pass	
				Dimethoate	< LOQ	0.100	0.100	pass	
				Dimethomorph	< LOQ	2.00	2.00	pass	
				Ethoprophos	< LOQ	0.100	0.100	pass	
				Etofenprox	< LOQ	0.100	0.100	pass	
				Etoxazole	< LOQ	0.100	0.100	pass	
				Fenhexamid	< LOQ	0.100	0.100	pass	
				Fenoxycarb	< LOQ	0.100	0.100	pass	
				Fenpyroximate	< LOQ	0.100	0.100	pass	
				Fipronil	< LOQ	0.100	0.100	pass	
				Flonicamid	< LOQ	0.100	0.100	pass	
				Fludioxonil	< LOQ	0.100	0.100	pass	
				Hexythiazox	< LOQ	0.100	0.100	pass	
				Imazalil	< LOQ	0.100	0.100	pass	
				Imidacloprid	< LOQ	5.00	3.00	pass	
				Kresoxim-methyl	< LOQ	0.100	0.100	pass	
				Malathion	< LOQ	0.500	0.500	pass	
				Metalaxyl	< LOQ	2.00	2.00	pass	
				Methiocarb	< LOQ	0.100	0.100	pass	
				Methomyl	< LOQ	1.00	1.00	pass	
				Mevinphos	< LOQ	0.100	0.100	pass	
				Myclobutanil	< LOQ	0.100	0.100	pass	
				Naled	< LOQ	0.100	0.100	pass	
				Oxamyl	< LOQ	0.500	0.500	pass	
				Paclobutrazole	< LOQ	0.100	0.100	pass	
				Parathion-Methyl	< LOQ	0.100	0.100	pass	
				Permethrin	< LOQ	0.500	0.500	pass	
				Phosmet	< LOQ	0.100	0.100	pass	
				Piperonyl butoxide	< LOQ	3.00	3.00	pass	
				Prallethrin	< LOQ	0.100	0.100	pass	
				Propiconazole	< LOQ	0.100	0.100	pass	
				Propoxur	< LOQ	0.100	0.100	pass	
				Pyrethrins (total)	< LOQ	0.500	0.500	pass	
				Pyridaben	< LOQ	0.100	0.100	pass	
				Quintozene	< LOQ	0.100	0.100	pass	
				Spinetoram	< LOQ	0.100	0.100	pass	
				Spinosad	< LOQ	0.100	0.100	pass	
				Spiromesifen	< LOQ	0.100	0.100	pass	
				Spirotetramat	< LOQ	0.100	0.100	pass	
				Spiroxamine	< LOQ	0.100	0.100	pass	
				Tebuconazole	< LOQ	0.100	0.100	pass	
				Thiacloprid	< LOQ	0.100	0.100	pass	
				Thiamethoxam	< LOQ	5.00	3.00	pass	
				Trifloxystrobin	< LOQ	0.100	0.100	pass	

Metals

Analyte Result Limits Units LOQ Batch Analyze Method Status Notes

Arsenic < LOQ 0.200 mg/kg 0.0912 2205056 06/13/22 AOAC 2013.06 (mod.) pass X Cadmium < LOQ 0.200 mg/kg 0.0912 2205056 06/13/22 AOAC 2013.06 (mod.) pass X Lead < LOQ 0.500 mg/kg 0.0912 2205056 06/13/22 AOAC 2013.06 (mod.) pass X Mercury < LOQ 0.100 mg/kg 0.0456 2205056 06/13/22 AOAC 2013.06 (mod.) pass X

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



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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

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory



Derrick Tanner
General Manager

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[illegible]

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PHS 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#: CFC23
Effective 04/29/2019 Revised 04/29/2019

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Laboratory Quality Control Results
2204804

J AOAC 2015 V98-6 Batch ID:
Laboratory Control Sample

Analyte LCS Result Spike Units
% Rec Evaluation Notes

						Limits		
CBDVA	1	0.103	0.100	%	103	80.0 - 120	Acceptable	
CBDV	1	0.110	0.100	%	110	80.0 - 120	Acceptable	
CBE	1	0.0968	0.100	%	96.8	80.0 - 120	Acceptable	
CBDA	1	0.102	0.100	%	102	90.0 - 110	Acceptable	
CBGA	1	0.0952	0.100	%	95.2	80.0 - 120	Acceptable	
CBG	1	0.0955	0.100	%	95.5	80.0 - 120	Acceptable	
CBD	1	0.101	0.100	%	101	90.0 - 110	Acceptable	
THCV	1	0.0949	0.100	%	94.9	80.0 - 120	Acceptable	
d8THCV	1	0.101	0.100	%	101	80.0 - 120	Acceptable	
THCVA	1	0.0963	0.100	%	96.3	80.0 - 120	Acceptable	
CBN	1	0.103	0.100	%	103	90.0 - 110	Acceptable	
exo-THC	1	0.0933	0.100	%	93.3	80.0 - 120	Acceptable	
d9THC	1	0.0947	0.100	%	94.7	90.0 - 110	Acceptable	
d8THC	1	0.0960	0.100	%	96.0	80.0 - 120	Acceptable	
CBL	1	0.0911	0.100	%	91.1	80.0 - 120	Acceptable	
CBC	1	0.100	0.100	%	100	80.0 - 120	Acceptable	
THCA	1	0.0996	0.100	%	99.6	90.0 - 110	Acceptable	
CBCA	1	0.106	0.100	%	106	80.0 - 120	Acceptable	
CBLA	1	0.105	0.100	%	105	80.0 - 120	Acceptable	
CBT	1	0.0877	0.100	%	87.7	80.0 - 120	Acceptable	

Method Blank

Analyte LOQ Evaluation Notes

Analyte LOQ Evaluation Results					
Result		Units		Limits	
CBDVA	<LOQ	0.077	%	< 0.077	Acceptable
CBDV	<LOQ	0.077	%	< 0.077	Acceptable
CBE	<LOQ	0.077	%	< 0.077	Acceptable
CBDA	<LOQ	0.077	%	< 0.077	Acceptable
CBGA	<LOQ	0.077	%	< 0.077	Acceptable
CBG	<LOQ	0.077	%	< 0.077	Acceptable
CBD	<LOQ	0.077	%	< 0.077	Acceptable
THCV	<LOQ	0.077	%	< 0.077	Acceptable
d8THCV	<LOQ	0.077	%	< 0.077	Acceptable
THCVA	<LOQ	0.077	%	< 0.077	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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Report

Number:

Report Date:

ORELAP#:

303-234-1794

Purchase Order:
22-006484/D002.R001

06/16/2022

OR100028



Received: 06/03/22 14:40

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: Sample 2204804
Duplicate Sample ID: 22-006223-0023

Analyte Result Org. Result LOQ Units RPD Evaluation Notes

Limits							
CBDVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBDV	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBE	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBDA	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBGA	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBG	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBD	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
d8THCV	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
THCVA	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBN	0.235	0.225	0.077	%	4.12	< 20	Acce
exo-THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
d9THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
d8THC	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBL	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBC	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
THCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBCA	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBLA	<LOQ	<LOQ	0.077	%	NA	< 20	Acce
CBT	<LOQ	<LOQ	0.077	%	NA	< 20	Acce

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Abbreviations

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

Units of Measure:

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12423 NE Whitaker Way **ORELAP#:**
Portland, OR 97230



Laboratory Quality Control Results

Residual Solvents Batch ID:

2204889

Received: 06/03/22 14:40

Revision: Document ID:

Method Blank

Laboratory Control Sample

Analyte LOQ Notes Result Spike Units % Rec Notes
Result

Limits								Limits										
Propane	ND	<	2 0 0		616	572	µg /g											
Isobutane	ND	<	2 0 0		774	731	µg /g	Hexane	ND	<	3 0		150	174	µg /g	86.2	6 0	-
Butane	ND	<	2 0 0		773	731	µg /g	1-Propanol	ND	<	5 0 0		1780	1610	µg /g	110.6	7 0	-
2,2-Dimethylpropane	ND	<	2 0 0		1060	936	µg /g	Methylethylketone	ND	<	5 0 0		1740	1600	µg /g	108.8	7 0	-
Methanol	ND	<	2 0 0		1510	1650	µg /g	Ethyl acetate	ND	<	2 0 0		1390	1610	µg /g	86.3	6 0	-
Ethylene Oxide	ND	<	3 0		67.2	56.2	µg /g	2-Butanol	ND	<	2 0 0		1320	1620	µg /g	81.5	6 0	-
2-Methylbutane	ND	<	2 0 0		1530	1620	µg /g	Tetrahydrofuran	ND	<	1 0 0		431	507	µg /g	85.0	6 0	-
Pentane	ND	<	2 0 0		1500	1610	µg /g	Cyclohexane	ND	<	2 0 0		1350	1610	µg /g	83.9	6 0	-
Ethanol	ND	<	2 0 0		1410	1620	µg /g	2-methyl-1-propanol	ND	<	5 0 0		1680	1620	µg /g	103.7	7 0	-
Ethyl Ether	ND	<	2 0 0		1460	1600	µg /g	Benzene	ND	<	1		4.27	5.22	µg /g	81.8	6 0	-
2,2-Dimethylbutane	ND	<	3 0		149	167	µg /g	Isopropyl Acetate	ND	<	2 0 0		1390	1610	µg /g	86.3	6 0	-
Acetone	ND	<	2 0 0		1510	1620	µg /g	Heptane	ND	<	2 0 0		1410	1610	µg /g	87.6	6 0	-
2-Propanol	ND	<	2 0 0		1390	1610	µg /g	1-Butanol	ND	<	5 0 0		1780	1600	µg /g	111.3	7 0	-
Ethyl Formate	ND	<	5 0 0		1650	1600	µg /g	Propyl Acetate	ND	<	5 0 0		1660	1600	µg /g	103.8	7 0	-
Acetonitrile	ND	<	1 0 0		571	635	µg /g	1,4-Dioxane	ND	<	1 0 0		393	508	µg /g	77.4	6 0	-
Methyl Acetate	ND	<	5 0 0		1830	1610	µg /g	2-Ethoxyethanol	ND	<	3 0		118	165	µg /g	71.5	6 0	-
2,3-Dimethylbutane	ND	<	3 0		147	177	µg /g	Methylisobutylketone	ND	<	5 0 0		1580	1610	µg /g	98.1	7 0	-
Dichloromethane	ND	<	6 0		466	498	µg /g	3-Methyl-1-butanol	ND	<	5 0 0		1660	1610	µg /g	103.1	7 0	-
2-Methylpentane	ND	<	3 0		157	166	µg /g	Ethylene Glycol	ND	<	2 0 0		292	492	µg /g	59.3	6 0	-
MTBE	ND	<	5 0 0		1730	1600	µg /g	Toluene	ND	<	1 0 0		367	497	µg /g	73.8	6 0	-
3-Methylpentane	ND	<	3 0		151	175	µg /g	Isobutyl Acetate	ND	<	5 0 0		1610	1600	µg /g	100.6	7 0	-
								1-Pentanol	ND	<	5		1610	1610	µg	100.0	7	-

			0 0				/g
Butyl Acetate	ND	<	5 0 0		1520	1610	µg /g
Ethylbenzene	ND	<	2 0 0		668	980	µg /g
m,p-Xylene	ND	<	2 0 0		662	985	µg /g
o-Xylene	ND	<	2 0 0		634	965	µg /g
Cumene	ND	<	3 0		105	168	µg /g
Anisole	ND	<	5 0 0		1400	1610	µg /g
DMSO	ND	<	5 0 0		1230	1630	µg /g
1,2-dimethoxyethane	ND	<	5 0		172	164	µg /g
Triethylamine	ND	<	5 0 0		1290	1600	µg /g
N,N-dimethylformamide	ND	<	1 5 0		466	497	µg /g
N,N-dimethylacetamide	ND	<	1 5 0		414	498	µg /g
Pyridine	ND	<	5 0		168	180	µg /g
1,2-Dichloroethane	ND	<	1		1.12	1	µg /g
Chloroform	ND	<	1		1.12	1	µg /g
Trichloroethylene	ND	<	1		1.1	1	µg /g

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



503-254-1794 **Purchase Order:**
Report 22-006484/D002.R001
Number: 06/16/2022
Report Date: OR100028

12423 NE Whitaker Way **ORELAP#:**
Portland, OR 97230

QC - Sample Duplicate Sample ID:



Revision: Document ID:
Legacy ID: Effective:

22-006223-0025

Received: 06/03/22 14:40

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	1140	1170	200	μg/g	2.6	< 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	20	μ	0.0	< 20	Acceptable	

			0	g/ g			
Toluene	ND	ND	10 0	μ g/ g	0.0	< 20	Ac
Isobutyl Acetate	ND	ND	50 0	μ g/ g	0.0	< 20	Ac
1-Pentanol	ND	ND	50 0	μ g/ g	0.0	< 20	Ac
Butyl Acetate	ND	ND	50 0	μ g/ g	0.0	< 20	Ac
Ethylbenzene	ND	ND	20 0	μ g/ g	0.0	< 20	Ac
m,p-Xylene	ND	ND	20 0	μ g/ g	0.0	< 20	Ac
o-Xylene	ND	ND	20 0	μ g/ g	0.0	< 20	Ac
Cumene	ND	ND	30	μ g/ g	0.0	< 20	Ac
Anisole	ND	ND	50 0	μ g/ g	0.0	< 20	Ac
DMSO	ND	ND	50 0	μ g/ g	0.0	< 20	Ac
1,2-dimethoxyethane	ND	ND	50	μ g/ g	0.0	< 20	Ac
Triethylamine	ND	ND	50 0	μ g/ g	0.0	< 20	Ac
N,N-dimethylformamide	ND	ND	15 0	μ g/ g	0.0	< 20	Ac
N,N-dimethylacetamide	ND	ND	15 0	μ g/ g	0.0	< 20	Ac
Pyridine	ND	ND	50	μ g/ g	0.0	< 20	Ac
1,2-Dichloroethane	ND	ND	1	μ g/ g	0.0	< 20	Ac
Chloroform	ND	ND	1	μ g/ g	0.0	< 20	Ac
Trichloroethylene	ND	ND	1	μ g/ g	0.0	< 20	Ac

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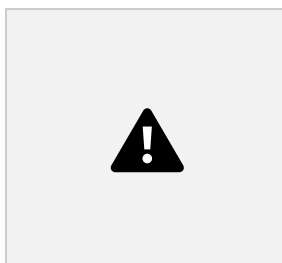
Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



503-254-1794 **Purchase Order:**
Report 22-006484/D002.R001
Number: 06/16/2022
Report Date: OR100028

12423 NE Whitaker Way **ORELAP#:**
Portland, OR 97230





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



12423 NE Whitaker Way

Portland, OR **Report Date: ORELAP#:**
97230
503-254-1794 **Purchase Order:**
Report 22-006484/D002.R001
Number: 06/16/2022
OR100028



Explanation of QC Flag Comments:

Received: 06/03/22 14:40

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.

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