Report: COA Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID. 4147
545 SW 2nd Street. Corvallis OR. 97333 | 541.257.5002 | services@preelab.com | Preelab.com

PREE LABORATORIES

For OLCC/OHA Compliance Purposes.

Product Description

Client: **GVB Oregon**

Product Name: **8.12.20 CBD-ISO Batch #8274 Dup**

Process Lot: Batch #8274
Matrix: Hemp Concentrate
Metrc Source ID: n/a
Metrc Package ID: n/a
License Number: n/a
Report ID: A1948-02
Date Collected: 2020-08-12
Date Received: 2020-08-12
Report Date: 2020-08-17

Tests Requested: Cannabinoid Potency Analysis
Pesticide Analysis
Residual Solvent Analysis

Evaluation Summary

Moisture Analysis	Test Not Required

Total THC *

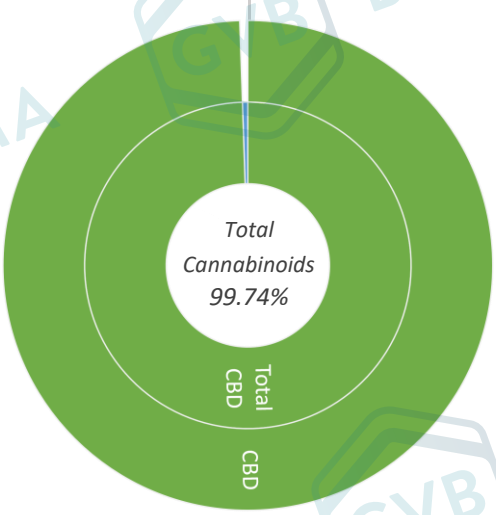
< LOQ

< LOQ

Total CBD *

99.21 %

992.1 mg/g



Cannabinoid Potency Analysis	Abrv.	Dry Wt. %	Dry Wt. mg/g
	THCA	< LOQ	< LOQ
	Δ-9-THC	< LOQ	< LOQ
	Δ-8-THC	< LOQ	< LOQ
	THCV	< LOQ	< LOQ
	CBDA	< LOQ	< LOQ
	CBD	99.21 %	992.1 mg/g
	CBGA	< LOQ	< LOQ
	CBG	< LOQ	< LOQ
	CBDVA	< LOQ	< LOQ
	CBDV	0.53 %	5.3 mg/g
	CBN	< LOQ	< LOQ
	CBL	< LOQ	< LOQ
	CBC	< LOQ	< LOQ

Pesticide Analysis	Pesticide Status
Pass	No Pesticides Were Detected above Oregon's action limit as stated in OAR 333-007-0400.

* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100

Report: Case Narrative

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This certificate of analysis is prepared for…

GVB Oregon
2490 Ewald Ave SE Salem, OR 97302

This report presents the analytical findings for the sample collected on 2020-08-12 by Robert Vingelen using sampling plan A1948 and received by PREE Laboratory on 2020-08-12. The sample was assigned a laboratory ID of A1948-02. The results in this report only apply to sample A1948-02.

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The testing methods used are of sufficient sensitivity to meet the compliance criteria set in OAR 333-007. However, it is the responsibility of the client to utilize the data to comply with standards set in OAR 333-007.

All analyses were performed in accordance with PREE Laboratory's NELAP/TNI approved quality control system and all quality control data was within the laboratory's predefined acceptance criteria unless otherwise noted in the case narrative of this report. General comments are also recorded below.

Notes:
No special conditions were noted during the processing and testing of the sample.

Sardar, Tamzid M. | Laboratory Director
Corvallis, Oregon

If you have any questions regarding the information in this report, please feel free to call 541-257-5002 or email PREE at services@preelab.com.

Report: Evaluation Detail

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Moisture Analysis

Evaluation Detail

Moisture Analysis	Test Not Requested/Required

Cannabinoid Potency Analysis

Product Name: **8.12.20 CBD-ISO Batch #8274 Dup**

Analysis Date: 2020-08-13

Testing Batch ID: V738,737,729,727,726

Testing Method: *LSOP #303 Cannabinoid Quantification*

Evaluation Detail

Cannabinoid Potency Analysis	Compound	Abrv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Total THC *	Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.1 %
< LOQ	Delta9 Tetrahydro-cannabinol	Δ-9-THC	< LOQ	< LOQ	0.1 %
< LOQ	Delta8 Tetrahydro-cannabinol	Δ-8-THC	< LOQ	< LOQ	0.1 %
	Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.1 %
Total CBD *	Cannabidiolic acid	CBDA	< LOQ	< LOQ	0.1 %
99.21 %	Cannabidiol	CBD	99.21 %	992.1	0.1 %
992.1 mg/g	Cannabigerolic acid	CBGA	< LOQ	< LOQ	0.1 %
	Cannabigerol	CBG	< LOQ	< LOQ	0.1 %
	Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.1 %
	Cannabidivarin	CBDV	0.53 %	5.3	0.1 %
	Cannabinol	CBN	< LOQ	< LOQ	0.1 %
	Cannabicyclol	CBL	< LOQ	< LOQ	0.1 %
	Cannabichromene	CBC	< LOQ	< LOQ	0.1 %

Note: Accreditation for Δ-8-THC, THCV, CBGA,CBG, CBDVA, CBDV, CBL, CBC is not offered by ORELAP and therefore are not accredited tests.

* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100

Report: Evaluation Detail

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For OLCC/OHA Compliance Purposes.

Pesticide Analysis

Product Name: **8.12.20 CBD-ISO Batch #8274 Dup**

Analysis Date: 2020-08-16

Testing Batch ID: V742,741,738,737,729,727,726

Testing Method: *LSOP #307 Pesticides by LCMS/MS*

Evaluation Detail

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Abamectin	< LOQ	0.50	0.10	Pass
Acephate	< LOQ	0.40	0.02	Pass
Acequinocyl	< LOQ	2.00	0.10	Pass
Acetamiprid	< LOQ	0.20	0.02	Pass
Aldicarb	< LOQ	0.40	0.02	Pass
Azoxystrobin	< LOQ	0.20	0.02	Pass
Bifenazate	< LOQ	0.20	0.02	Pass
Bifenthrin	< LOQ	0.20	0.10	Pass
Boscalid	< LOQ	0.40	0.02	Pass
Carbaryl	< LOQ	0.20	0.02	Pass
Carbofuran	< LOQ	0.20	0.02	Pass
Chlorantraniliprole	< LOQ	0.20	0.02	Pass
Chlorfenapyr	< LOQ	1.00	0.50	Pass
Chlorpyrifos	< LOQ	0.20	0.02	Pass
Clofentezine	< LOQ	0.20	0.10	Pass
Cyfluthrin	< LOQ	1.00	0.50	Pass
Cypermethrin	< LOQ	1.00	0.50	Pass
Daminozide	< LOQ	1.00	0.10	Pass
Diazinon	< LOQ	0.20	0.02	Pass
Dichlorvos	< LOQ	1.00	0.10	Pass
Dimethoate	< LOQ	0.20	0.02	Pass
Ethoprophos	< LOQ	0.20	0.02	Pass
Etofenprox	< LOQ	0.40	0.10	Pass
Etoxazole	< LOQ	0.20	0.02	Pass
Fenoxycarb	< LOQ	0.20	0.02	Pass
Fenpyroximate	< LOQ	0.40	0.10	Pass
Fipronil	< LOQ	0.40	0.02	Pass
Flonicamid	< LOQ	1.00	0.02	Pass
Fludioxonil	< LOQ	0.40	0.10	Pass
Hexythiazox	< LOQ	1.00	0.02	Pass
Imazalil	< LOQ	0.20	0.02	Pass
Imidacloprid	< LOQ	0.40	0.02	Pass
Kresoxim-methyl	< LOQ	0.40	0.10	Pass

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Report: Evaluation Detail

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For OLCC/OHA Compliance Purposes.

Pesticide Analysis

Evaluation Detail

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Malathion	< LOQ	0.20	0.02	Pass
Metalaxyl	< LOQ	0.20	0.02	Pass
Methiocarb	< LOQ	0.20	0.02	Pass
Methomyl	< LOQ	0.40	0.02	Pass
Methyl-Parathion	< LOQ	0.20	0.10	Pass
MGK-264	< LOQ	0.20	0.10	Pass
Myclobutanil	< LOQ	0.20	0.10	Pass
Naled	< LOQ	0.50	0.02	Pass
Oxamyl	< LOQ	1.00	0.02	Pass
Paclobutrazol	< LOQ	0.40	0.02	Pass
Permethrins	< LOQ	0.20	0.10	Pass
Phosmet	< LOQ	0.20	0.02	Pass
Piperonyl butoxide	< LOQ	2.00	0.02	Pass
Prallethrin	< LOQ	0.20	0.10	Pass
Propiconazole	< LOQ	0.40	0.10	Pass
Propoxur	< LOQ	0.20	0.02	Pass
Pyrethrins	< LOQ	1.00	0.50	Pass
Pyridaben	< LOQ	0.20	0.02	Pass
Spinosad	< LOQ	0.20	0.02	Pass
Spiromesifen	< LOQ	0.20	0.10	Pass
Spirotetramat	< LOQ	0.20	0.02	Pass
Spiroxamine	< LOQ	0.40	0.02	Pass
Tebuconazole	< LOQ	0.40	0.02	Pass
Thiacloprid	< LOQ	0.20	0.02	Pass
Thiamethoxam	< LOQ	0.20	0.02	Pass
Trifloxystrobin	< LOQ	0.20	0.02	Pass

Report: Quality Check

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Moisture Analysis

Quality Control Detail

Moisture Analysis |

Cannabinoid Potency Analysis

Analysis Date: 2020-08-13

Testing Batch ID: V738,737,729,727,726

Quality Control Detail

Cannabinoid Potency Analysis	MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Tetrahydro-cannabinolic acid	o		< 0.1%	< 0.1%	< 0.1%
Delta9 Tetrahydro-cannabinol	o		< 0.1%	< 0.1%	< 0.1%
Cannabidiolic acid	o		< 0.1%	< 0.1%	< 0.1%
Cannabidiol	o		< 0.1%	< 0.1%	< 0.1%
Cannabinol	o		< 0.1%	< 0.1%	< 0.1%
Tetrahydro-cannabinolic acid		●	100.0%	102.5%	80-120%
Delta9 Tetrahydro-cannabinol		●	100.0%	98.9%	80-120%
Cannabidiolic acid		●	100.0%	101.2%	80-120%
Cannabidiol		●	100.0%	98.1%	80-120%
Cannabinol		●	100.0%	96.0%	80-120%

Report: Quality Check

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Pesticide Analysis

Analysis Date: 2020-08-16

Testing Batch ID: V742,741,738,737,729,727,726

Quality Control Detail

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	o	< 0.1	< 0.1	< 0.1
Acephate	o	< 0.02	< 0.02	< 0.02
Acequinocyl	o	< 0.1	< 0.1	< 0.1
Acetamiprid	o	< 0.02	< 0.02	< 0.02
Aldicarb	o	< 0.02	< 0.02	< 0.02
Azoxystrobin	o	< 0.02	< 0.02	< 0.02
Bifenazate	o	< 0.02	< 0.02	< 0.02
Bifenthrin	o	< 0.1	< 0.1	< 0.1
Boscalid	o	< 0.02	< 0.02	< 0.02
Carbaryl	o	< 0.02	< 0.02	< 0.02
Carbofuran	o	< 0.02	< 0.02	< 0.02
Chlorantraniliprole	o	< 0.02	< 0.02	< 0.02
Chlorfenapyr	o	< 0.5	< 0.5	< 0.5
Chlorpyrifos	o	< 0.02	< 0.02	< 0.02
Clofentezine	o	< 0.1	< 0.1	< 0.1
Cyfluthrin	o	< 0.5	< 0.5	< 0.5
Cypermethrin	o	< 0.5	< 0.5	< 0.5
Daminozide	o	< 0.1	< 0.1	< 0.1
Diazinon	o	< 0.02	< 0.02	< 0.02
Dichlorvos	o	< 0.1	< 0.1	< 0.1
Dimethoate	o	< 0.02	< 0.02	< 0.02
Ethoprophos	o	< 0.02	< 0.02	< 0.02
Etofenprox	o	< 0.1	< 0.1	< 0.1
Etoxazole	o	< 0.02	< 0.02	< 0.02
Fenoxycarb	o	< 0.02	< 0.02	< 0.02
Fenpyroximate	o	< 0.1	< 0.1	< 0.1
Fipronil	o	< 0.02	< 0.02	< 0.02
Flonicamid	o	< 0.02	< 0.02	< 0.02
Fludioxonil	o	< 0.1	< 0.1	< 0.1
Hexythiazox	o	< 0.02	< 0.02	< 0.02
Imazalil	o	< 0.02	< 0.02	< 0.02
Imidacloprid	o	< 0.02	< 0.02	< 0.02
Kresoxim-methyl	o	< 0.1	< 0.1	< 0.1

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Pesticide Analysis

Quality Control Detail

Pesticide Name	MB	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Malathion	o	< 0.02	< 0.02	< 0.02
Metalaxyl	o	< 0.02	< 0.02	< 0.02
Methiocarb	o	< 0.02	< 0.02	< 0.02
Methomyl	o	< 0.02	< 0.02	< 0.02
Methyl-Parathion	o	< 0.1	< 0.1	< 0.1
MGK-264 I	o	< 0.1	< 0.1	< 0.1
MGK-264 II	o	< 0.1	< 0.1	< 0.1
Myclobutanil	o	< 0.1	< 0.1	< 0.1
Naled	o	< 0.02	< 0.02	< 0.02
Oxamyl	o	< 0.02	< 0.02	< 0.02
Paclobutrazol	o	< 0.02	< 0.02	< 0.02
Permethrin - trans	o	< 0.1	< 0.1	< 0.1
Permethrin - cis	o	< 0.1	< 0.1	< 0.1
Phosmet	o	< 0.02	< 0.02	< 0.02
Piperonyl butoxide	o	< 0.02	< 0.02	< 0.02
Prallethrin	o	< 0.1	< 0.1	< 0.1
Propiconazole	o	< 0.1	< 0.1	< 0.1
Propoxur	o	< 0.02	< 0.02	< 0.02
Pyrethrin - Cinerin	o	< 0.5	< 0.02	< 0.5
Pyrethrin - Pyrethrins/Jasmolin	o	< 0.5	< 0.5	< 0.5
Pyridaben	o	< 0.02	< 0.02	< 0.02
Spinosyn A	o	< 0.02	< 0.02	< 0.02
Spinosyn D	o	< 0.02	< 0.02	< 0.02
Spiromesifen	o	< 0.1	< 0.1	< 0.1
Spirotetramat	o	< 0.02	< 0.02	< 0.02
Spiroxamine	o	< 0.02	< 0.02	< 0.02
Tebuconazole	o	< 0.02	< 0.02	< 0.02
Thiacloprid	o	< 0.02	< 0.02	< 0.02
Thiamethoxam	o	< 0.02	< 0.02	< 0.02
Trifloxystrobin	o	< 0.02	< 0.02	< 0.02

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Pesticide Analysis

Quality Control Detail

Pesticide Name	LCS	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	•	1.00	1.027	0.6 - 1.4
Acephate	•	1.00	0.948	0.6 - 1.4
Acequinocyl	•	1.00	1.064	0.6 - 1.4
Acetamiprid	•	1.00	1.039	0.6 - 1.4
Aldicarb	•	1.00	0.970	0.6 - 1.4
Azoxystrobin	•	1.00	1.022	0.6 - 1.4
Bifenazate	•	1.00	0.991	0.6 - 1.4
Bifenthrin	•	1.00	1.048	0.6 - 1.4
Boscalid	•	1.00	1.088	0.6 - 1.4
Carbaryl	•	1.00	1.026	0.6 - 1.4
Carbofuran	•	1.00	1.007	0.6 - 1.4
Chlorantraniliprole	•	1.00	0.980	0.6 - 1.4
Chlorfenapyr	•	1.00	1.021	0.6 - 1.4
Chlorpyrifos	•	1.00	1.030	0.6 - 1.4
Clofentezine	•	1.00	1.033	0.6 - 1.4
Cyfluthrin	•	1.00	0.965	0.6 - 1.4
Cypermethrin	•	1.00	1.053	0.6 - 1.4
Daminozide	•	1.00	0.944	0.6 - 1.4
Diazinon	•	1.00	1.049	0.6 - 1.4
Dichlorvos	•	1.00	1.114	0.6 - 1.4
Dimethoate	•	1.00	1.026	0.6 - 1.4
Ethoprophos	•	1.00	0.996	0.6 - 1.4
Etofenprox	•	1.00	1.011	0.6 - 1.4
Etoxazole	•	1.00	1.058	0.6 - 1.4
Fenoxycarb	•	1.00	1.081	0.6 - 1.4
Fenpyroximate	•	1.00	1.069	0.6 - 1.4
Fipronil	•	1.00	1.089	0.6 - 1.4
Flonicamid	•	1.00	1.040	0.6 - 1.4
Fludioxonil	•	1.00	1.083	0.6 - 1.4
Hexythiazox	•	1.00	1.372	0.6 - 1.4
Imazalil	•	1.00	1.011	0.6 - 1.4
Imidacloprid	•	1.00	1.035	0.6 - 1.4
Kresoxim-methyl	•	1.00	1.045	0.6 - 1.4

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Report: Quality Check

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Pesticide Analysis

Quality Control Detail

Pesticide Name	LCS	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Malathion	•	1.00	1.068	0.6 - 1.4
Metalaxyl	•	1.00	1.004	0.6 - 1.4
Methiocarb	•	1.00	1.053	0.6 - 1.4
Methomyl	•	1.00	0.921	0.6 - 1.4
Methyl-Parathion	•	1.00	1.028	0.6 - 1.4
MGK-264 I	•	1.00	1.024	0.6 - 1.4
MGK-264 II	•	1.00	0.957	0.6 - 1.4
Myclobutanil	•	1.00	1.057	0.6 - 1.4
Naled	•	1.00	1.033	0.6 - 1.4
Oxamyl	•	1.00	1.006	0.6 - 1.4
Paclobutrazol	•	1.00	1.062	0.6 - 1.4
Permethrin - trans	•	1.00	1.057	0.6 - 1.4
Permethrin - cis	•	1.00	1.037	0.6 - 1.4
Phosmet	•	1.00	1.084	0.6 - 1.4
Piperonyl butoxide	•	1.00	0.965	0.6 - 1.4
Prallethrin	•	1.00	1.038	0.6 - 1.4
Propiconazole	•	1.00	1.058	0.6 - 1.4
Propoxur	•	1.00	1.062	0.6 - 1.4
Pyrethrin - Cinerin	•	1.00	1.070	0.6 - 1.4
Pyrethrin - Pyrethrins/Jasmolin	•	1.00	1.089	0.6 - 1.4
Pyridaben	•	1.00	1.079	0.6 - 1.4
Spinosyn A	•	1.00	0.907	0.6 - 1.4
Spinosyn D	•	1.00	1.017	0.6 - 1.4
Spiromesifen	•	1.00	1.081	0.6 - 1.4
Spirotetramat	•	1.00	1.055	0.6 - 1.4
Spiroxamine	•	1.00	1.053	0.6 - 1.4
Tebuconazole	•	1.00	1.358	0.6 - 1.4
Thiacloprid	•	1.00	1.088	0.6 - 1.4
Thiamethoxam	•	1.00	0.991	0.6 - 1.4
Trifloxystrobin	•	1.00	1.077	0.6 - 1.4

Definitions

- Limit of Quantitation (LOQ): The minimum level, concentration, or quantity of a target analyte that can be reported with a specific degree of confidence.
- Method Blank (MB): A quality control sample that is free of the analyte being measured.
- Laboratory Control Sample (LCS): A quality control sample with a known amount of the analyte used to demonstrate accuracy.
- Field Duplicate: A second sample collected in the field using the same sampling method as the primary sample.
- Action Limit: Analyte levels set by the state of Oregon (OAR 333-007) indicating that follow-up action is necessary.
- ppm: parts per million, equivalent to 1 µg/g and 1 µg/L or 0.001 mg/g and 0.001 mg/L
- COA: Certificate of Analysis.

Calculations

- Cannabinoid Potency :

  Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100

  Total THC% = (%THCA) x 0.877 + (%THC)

  Total CBD% = (%CBDA) x 0.877 + (%CBD)

  Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]

  Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]

- Percentage Recovery :

  % Rec. = [(Amount measured) / (Known amount)] * 100

Certificate of Analysis

EVIO Labs Portland
14775 SW 74th Ave, Tigard, OR 97224
503-954-2562 / OLCC 010-10046111391 / www.EVIOLabs.com

A1948-02

PREE Labs

010-10087092BDA

Sample ID: P200719-02 **METRC Batch #:**

Matrix: Extract/Concentrate

Date Sampled: 08/12/20 09:00

Date Accepted: 08/12/20

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Residual Solvents

Analyte	LOQ	Action Level		Result	Units
Butanes	250	5000	3	< LOQ	ppm
n-Butane	250	5000		< LOQ	ppm
iso-Butane	250	5000		< LOQ	ppm
Hexanes	174	290	4	< LOQ	ppm
n-Hexane	174	290		< LOQ	ppm
2-Methylpentane	174	290		< LOQ	ppm
3-Methylpentane	174	290		< LOQ	ppm
2,2-Dimethylbutane	174	290		< LOQ	ppm
2,3-Dimethylbutane	174	290		< LOQ	ppm
Pentanes	1400	5000	5	< LOQ	ppm
n-Pentane	1400	5000		< LOQ	ppm
iso-Pentane	1400	5000		< LOQ	ppm
Neopentane	250	5000		< LOQ	ppm
Xylenes	1302	2170		< LOQ	ppm
1,2-Dimethylbenzene	1302	2170		< LOQ	ppm
1,3-Dimethylbenzene	1302	2170		< LOQ	ppm
1,4-Dimethylbenzene	1302	2170		< LOQ	ppm
Xylenes MP	1302	2170		< LOQ	ppm
Ethyl benzene	1302	NA		< LOQ	ppm
2-Propanol (IPA)	1400	5000		< LOQ	ppm
Acetone	1400	5000		< LOQ	ppm
Acetonitrile	246	410		< LOQ	ppm
Benzene	1.2	2		< LOQ	ppm
Methanol	1000	3000		< LOQ	ppm
Propane	250	5000		< LOQ	ppm
Toluene	534	890		< LOQ	ppm
Dichloromethane	360	600		< LOQ	ppm
1,4-Dioxane	228	380		< LOQ	ppm
2-Butanol	1400	5000		< LOQ	ppm
2-Ethoxyethanol	96	160		< LOQ	ppm
Cumene	42	70		< LOQ	ppm
Cyclohexane	2278	3880		< LOQ	ppm
Ethyl acetate	1400	5000		< LOQ	ppm
Ethyl ether	1400	5000		< LOQ	ppm
Ethylene glycol	558	620		< LOQ	ppm
Ethylene oxide	30	50		< LOQ	ppm
Heptane	1400	5000		< LOQ	ppm
Isopropyl acetate	1400	5000		< LOQ	ppm
Tetrahydrofuran	432	720		< LOQ	ppm

Date/Time Extracted: 08/13/20 11:10

Date/Time Analyzed: 08/14/20 09:42

Analysis Method/SOP: SOP.T.40.031

3 - Total butanes are calculated as sum of n-butanes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5)

4 - Total hexanes are calculated as sum of n-hexane (CAS# 110-54-3), 2-methylpentane (CAS# 107-83-5), 3-methylpentane (CAS# 96-14-0), 2,2-dimethylbutane (CAS# 75-83-2), 2,3-dimethylbutane (CAS# 79-29-8)

5 - Total pentanes are calculated as sum of n-pentane (CAS# 109-66-0), iso-pentane (CAS# 78-78-4), and neo-pentane (CAS# 463-82-1)

6 - Total xylenes are calculated as 1,2-dimethylbenzene (CAS# 95-47-6), 1,3-dimethylbenzene (CAS# 106-42-3), and 1-4-dimethylbenzene (CAS# 106-42-3)

7 - Ethanol is not regulated under OAR-333-007-0410.

Results above the action level fail Oregon state testing requirements and will be highlighted RED. LOQ=Limit of Quantitation; PPM=Parts per million; ND=Not detected; NT=Not tested; AC=Above calibration range. PASS/FAIL status based on OAR 333-007.

Kawai Medeiros
Laboratory Manager - 8/17/2020

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EVIO Labs Portland
14775 SW 74th Ave, Tigard, OR 97224
503-954-2562 / OLCC 010-10046111391 / www.EVIOLabs.com

Quality Control

Batch: P20H069 - SOP.T.40.031 Solvents

Blank(P20H069-BLK1) **Extracted:** 08/13/20 11:10 **Analyzed:** 08/14/20 09:42

Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Butanes	< LOQ	250 (ppm)	< LOQ	n-Butane	< LOQ	250 (ppm)	< LOQ
iso-Butane	< LOQ	250 (ppm)	< LOQ	Hexanes	< LOQ	174 (ppm)	< LOQ
n-Hexane	< LOQ	174 (ppm)	< LOQ	2-Methylpentane	< LOQ	174 (ppm)	< LOQ
3-Methylpentane	< LOQ	174 (ppm)	< LOQ	2,2-Dimethylbutane	< LOQ	174 (ppm)	< LOQ
2,3-Dimethylbutane	< LOQ	174 (ppm)	< LOQ	Pentanes	< LOQ	1400 (ppm)	< LOQ
n-Pentane	< LOQ	1400 (ppm)	< LOQ	iso-Pentane	< LOQ	1400 (ppm)	< LOQ
Neopentane	< LOQ	250 (ppm)	< LOQ	Xylenes	< LOQ	1302 (ppm)	< LOQ
1,2-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ	1,3-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ
1,4-Dimethylbenzene	< LOQ	1302 (ppm)	< LOQ	Xylenes MP	< LOQ	1302 (ppm)	< LOQ
Ethyl benzene	< LOQ	1302 (ppm)	< LOQ	2-Propanol (IPA)	< LOQ	1400 (ppm)	< LOQ
Acetone	< LOQ	1400 (ppm)	< LOQ	Acetonitrile	< LOQ	246 (ppm)	< LOQ
Benzene	< LOQ	1.2 (ppm)	< LOQ	Methanol	< LOQ	1000 (ppm)	< LOQ
Propane	< LOQ	250 (ppm)	< LOQ	Toluene	< LOQ	534 (ppm)	< LOQ
Dichloromethane	< LOQ	360 (ppm)	< LOQ	1,4-Dioxane	< LOQ	228 (ppm)	< LOQ
2-Butanol	< LOQ	1400 (ppm)	< LOQ	2-Ethoxyethanol	< LOQ	96 (ppm)	< LOQ
Cumene	< LOQ	42 (ppm)	< LOQ	Cyclohexane	< LOQ	2278 (ppm)	< LOQ
Ethyl acetate	< LOQ	1400 (ppm)	< LOQ	Ethyl ether	< LOQ	1400 (ppm)	< LOQ
Ethylene glycol	< LOQ	558 (ppm)	< LOQ	Ethylene oxide	< LOQ	30 (ppm)	< LOQ
Heptane	< LOQ	1400 (ppm)	< LOQ	Isopropyl acetate	< LOQ	1400 (ppm)	< LOQ
Tetrahydrofuran	< LOQ	432 (ppm)	< LOQ				

LCS(P20H069-BS1) **Extracted:** 08/13/20 11:10 **Analyzed:** 08/14/20 09:42

Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Butanes	90.7	(ppm)	0-200	n-Butane	88.6	(ppm)	50-150
iso-Butane	92.7	(ppm)	50-150	Hexanes	91.8	(ppm)	0-200
n-Hexane	89.1	(ppm)	70-130	2-Methylpentane	94.3	(ppm)	70-130
3-Methylpentane	93.4	(ppm)	70-130	2,2-Dimethylbutane	92.9	(ppm)	70-130
2,3-Dimethylbutane	94.8	(ppm)	70-130	Pentanes	108	(ppm)	0-200
n-Pentane	96.0	(ppm)	70-130	iso-Pentane	95.5	(ppm)	70-130
Neopentane	100	(ppm)	50-150	Xylenes	76.6	(ppm)	0-200
1,2-Dimethylbenzene	75.3	(ppm)	70-130	1,3-Dimethylbenzene	76.3	(ppm)	70-130
1,4-Dimethylbenzene	76.9	(ppm)	70-130	Xylenes MP	76.2	(ppm)	0-200
Ethyl benzene	77.7	(ppm)	70-130	2-Propanol (IPA)	89.9	(ppm)	70-130
Acetone	93.8	(ppm)	70-130	Acetonitrile	89.6	(ppm)	70-130
Benzene	75.6	(ppm)	70-130	Methanol	92.6	(ppm)	70-130
Propane	85.1	(ppm)	50-150	Toluene	84.3	(ppm)	70-130
Dichloromethane	87.2	(ppm)	70-130	1,4-Dioxane	84.2	(ppm)	70-130

Kawai Medeiros
Laboratory Manager - 8/17/2020

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Quality Control

Batch: P20H069 - SOP.T.40.031 Solvents (Continued)

LCS(P20H069-BS1) **Extracted:** 08/13/20 11:10 **Analyzed:** 08/14/20 09:42

Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
2-Butanol	89.3	(ppm)	70-130	2-Ethoxyethanol	87.1	(ppm)	70-130
Cumene	77.0	(ppm)	50-150	Cyclohexane	89.6	(ppm)	70-130
Ethyl acetate	91.9	(ppm)	70-130	Ethyl ether	93.4	(ppm)	70-130
Ethylene glycol	98.3	(ppm)	70-130	Ethylene oxide	103	(ppm)	50-150
Heptane	90.1	(ppm)	70-130	Isopropyl acetate	90.8	(ppm)	70-130
Tetrahydrofuran	87.7	(ppm)	70-130				

Kawai Medeiros
Laboratory Manager - 8/17/2020

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