

# 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

For OLCC/OHA Compliance Purposes.

## Product Description

Client: **GVB Oregon**

Product Name: **10.01.21 CBD Isolate B# GBL 9741 Dup**

Process Date: 2021-09-30

Retest Date: 2023-09-30

Matrix: Hemp Concentrate

Metc Source ID: n/a

Metc Package ID: n/a

License Number: n/a

Date Collected: 2021-10-01

Date Received: 2021-10-01

Report Date: 2021-10-06

Report ID: A4775-02

Tests Requested: Cannabinoid Potency Analysis  
Pesticide Analysis  
Residual Solvent Analysis

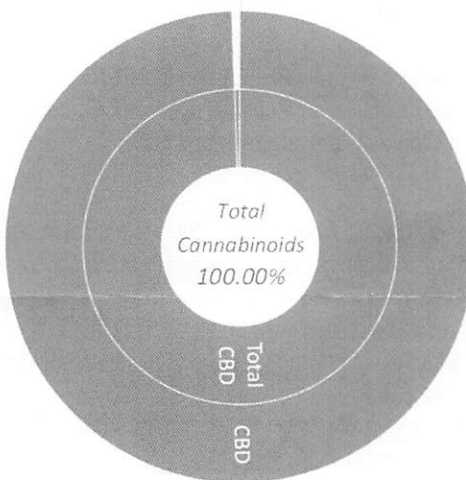
## Evaluation Summary

Moisture Analysis | Test Not Required

### Cannabinoid Potency Analysis

**Total THC \*** 0.00 %  
0.0 mg/g

**Total CBD \*** 100.00 %  
1000.0 mg/g



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	100.00 % (A)	1000.0 mg/g
CBGA	< LOQ	< LOQ
CBG	< LOQ	< LOQ
CBDVA	< LOQ	< LOQ
CBDV	0.52 %	5.2 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



OLCC License No. 10087092BDA | ORELAP ID. 4147

545 SW 2nd Street, Corvallis OR. 97333 | 541.257.5002 | services@preelab.com | Preelab.com

For OLCC/OHA Compliance Purposes.

*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 2021-10-01 by Skyler Smith using sampling plan A4775 and received by PREE Laboratory on 2021-10-01. The sample was assigned a laboratory ID of A4775-02. The results in this report only apply to sample A4775-02.

This report shall not be reproduced, except in full, without written consent of PREE Laboratory. Report alterations by any other entity beside PREE Laboratory are not allowed. If alterations are made to the original report after the initial release, they will be noted on the case narrative below.

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:**

The Oregon Department of Agriculture requires hemp products to not contain more than 0.35% total THC, per OAR 603-048. Residual solvent analysis was subcontracted. The report from the subcontracting laboratory is attached. The tested Total Cannabinoid concentration was found to be adjusted to 101.93 %. This is within the method uncertainty and, as a result, the reported concentration was adjusted to 100.00%.

The tested value of CBD was found to be 101.41 %. This is within the method uncertainty and, as a result, the reported concentration was adjusted to 100.00%.

TOTAL CANNABINOIDS - 1010.8mg/g | 101.08%    THC TOTAL - 0mg/g | 0%    CBD TOTAL - 1004.4mg/g | 100.44%  
THC RPD value - None    CBD RPD value - 1.92

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



OLCC License No. 10067092BDA | ORELAP ID. 4147  
 545 SW 2nd Street, Corvallis OR, 97333 | 541.257.5002 | services@preelab.com | Preelab.com

For OLCC/OHA Compliance Purposes.

## Moisture Analysis

## Evaluation Detail

Moisture Analysis | Test Not Requested/Required

## Cannabinoid Potency Analysis

## Evaluation Detail

Product Name: **10.01.21 CBD Isolate B# GBL 9741 Dup**  
 Analysis Date: **2021-10-03**  
 Testing Batch ID: **V1817,1816,1811,1809,1804,1800,1794**  
 Testing Method: **LSOP #303 Cannabinoid Quantification**

Cannabinoid Potency Analysis	Compound	Abv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Total THC *	Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.2 %
	Delta9 Tetrahydro-cannabinol	Δ-9-THC	< LOQ	< LOQ	0.2 %
	Delta8 Tetrahydro-cannabinol	Δ-8-THC	< LOQ	< LOQ	0.2 %
Total CBD *	Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.2 %
	Cannabidiolic acid	CBDA	< LOQ	< LOQ	0.2 %
	Cannabidiol	CBD	100.00 % (A)	1000.0	0.2 %
	Cannabigerolic acid	CBGA	< LOQ	< LOQ	0.2 %
	Cannabigerol	CBG	< LOQ	< LOQ	0.2 %
	Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.2 %
	Cannabidivarin	CBDV	0.52 %	5.2	0.2 %
	Cannabinol	CBN	< LOQ	< LOQ	0.2 %
	Cannabicyclol	CBL	< LOQ	< LOQ	0.2 %
	Cannabichromene	CBC	< LOQ	< LOQ	0.2 %

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

Preelab.com | 541.257.5002 | 541.257.5002 | 541.257.5002 | 541.257.5002 | 541.257.5002 | 541.257.5002 | 541.257.5002 | 541.257.5002 | 541.257.5002

# Report: Evaluation Detail



OLCC License No. 10067092BDA | ORELAP ID: 4147  
 545 S.W. 2nd Street, Corvallis OR, 97333 | 541.257.5002 | services@preelab.com | Preelab.com

For OLCC/OHA Compliance Purposes.

## Pesticide Analysis

## Evaluation Detail

Product Name: **10.01.21 CBD Isolate B# GBL 9741 Dup**

Analysis Date: 2021-10-04

Testing Batch ID: V1812,1811,1809,1805,1801,1798,1789

Testing Method: LSOP #307 Pesticides by LCMS/MS

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Abamectin	< LOQ	0.50	0.20	Pass
Acephate	< LOQ	0.40	0.04	Pass
Acetaminocyl	< LOQ	2.00	0.20	Pass
Acetaminofnd	< LOQ	0.20	0.04	Pass
Aldicarb	< LOQ	0.40	0.04	Pass
Azoxystrobin	< LOQ	0.20	0.04	Pass
Bifenazate	< LOQ	0.20	0.04	Pass
Bifenthrin	< LOQ	0.20	0.20	Pass
Boscalid	< LOQ	0.40	0.04	Pass
Carbaryl	< LOQ	0.20	0.04	Pass
Carfotofuran	< LOQ	0.20	0.04	Pass
Chlorantranilprole	< LOQ	0.20	0.04	Pass
Chlorfenapyr	< LOQ	1.00	1.00	Pass
Chlorpyrifos	< LOQ	0.20	0.04	Pass
Clofentezine	< LOQ	0.20	0.20	Pass
Cyfluthrin	< LOQ	1.00	1.00	Pass
Cypermethrin	< LOQ	1.00	1.00	Pass
Daminozide	< LOQ	1.00	0.20	Pass
Diazinon	< LOQ	0.20	0.04	Pass
Dichlorvos	< LOQ	1.00	0.20	Pass
Dimethoate	< LOQ	0.20	0.04	Pass
Ethoprophos	< LOQ	0.20	0.04	Pass
Etofenprox	< LOQ	0.40	0.20	Pass
Etozazole	< LOQ	0.20	0.04	Pass
Fenoxycarb	< LOQ	0.20	0.04	Pass
Fenpyroximate	< LOQ	0.40	0.20	Pass
Fipronil	< LOQ	0.40	0.04	Pass
Flonicamid	< LOQ	1.00	0.04	Pass
Fludioxonil	< LOQ	0.40	0.20	Pass
Hexythiazox	< LOQ	1.00	0.04	Pass
Imazalil	< LOQ	0.20	0.04	Pass
Imidacloprid	< LOQ	0.40	0.04	Pass
Kresoxim-methyl	< LOQ	0.40	0.20	Pass

10/11/2021 10:59:46 AM

# Report: Evaluation Detail



OLCC License No. 10087092BDA | ORE AP ID. 4147

545 SW 2nd Street, Corvallis OR, 97333 | 541.257.5002 | services@preelab.com | Preelab.com

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	0.04	Pass
Metolaxyl	< LOQ	0.20	0.04	Pass
Methiocarb	< LOQ	0.20	0.04	Pass
Methomyl	< LOQ	0.40	0.04	Pass
Methyl-Parathion	< LOQ	0.20	0.20	Pass
MGK-264	< LOQ	0.20	0.20	Pass
Myclobutanil	< LOQ	0.20	0.20	Pass
Naled	< LOQ	0.50	0.04	Pass
Oxamyl	< LOQ	1.00	0.04	Pass
Pacllobutrazol	< LOQ	0.40	0.04	Pass
Permethrins	< LOQ	0.20	0.20	Pass
Phosmet	< LOQ	0.20	0.04	Pass
Piperonyl butoxide	< LOQ	2.00	0.04	Pass
Prallethrin	< LOQ	0.20	0.20	Pass
Propiconazole	< LOQ	0.40	0.20	Pass
Propoxur	< LOQ	0.20	0.04	Pass
Pyrethrins	< LOQ	1.00	1.00	Pass
Pyndaben	< LOQ	0.20	0.04	Pass
Spinosad	< LOQ	0.20	0.20	Pass
Spiromesifen	< LOQ	0.20	0.20	Pass
Spirotetramat	< LOQ	0.20	0.04	Pass
Spiroxamine	< LOQ	0.40	0.04	Pass
Tebuconazole	< LOQ	0.40	0.04	Pass
Thiacloprid	< LOQ	0.20	0.04	Pass
Thiamethoxam	< LOQ	0.20	0.04	Pass
Trifloxystrobin	< LOQ	0.20	0.04	Pass

# Report: Quality Check



OLCC License No. 10067092BDA | ORE:AP ID. 4147

543 SW 2nd Street, Corvallis OR, 97333 | 541.257.5032 | services@preelab.com | preelab.com

For OLCC/OHA Compliance Purposes.

## Moisture Analysis

## Quality Control Detail

Moisture Analysis |

## Cannabinoid Potency Analysis

## Quality Control Detail

Analysis Date: 2021-10-03

Testing Batch ID: V1817,1818,1811,1809,1804,1800,1794

Cannabinoid Potency Analysis	MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Tetrahydro-cannabinolic acid	○		< 0.1%	< 0.1%	< 0.1%
Delta9 Tetrahydro-cannabinol	○		< 0.1%	< 0.1%	< 0.1%
Cannabidiolic acid	○		< 0.1%	< 0.1%	< 0.1%
Cannabidiol	○		< 0.1%	< 0.1%	< 0.1%
Tetrahydro-cannabinolic acid		●	100.0%	100.3%	80-120%
Delta9 Tetrahydro-cannabinol		●	100.0%	112.5%	80-120%
Cannabidiolic acid		●	100.0%	100.4%	80-120%
Cannabidiol		●	100.0%	111.5%	80-120%

# Report: Quality Check



OLCC License No. 10057092BDA | ORELAP ID. 4147

545 SW 2nd Street, Corvallis OR, 97333 | 541.257.5002 | services@preelab.com | Preelab.com

For OLCC/OHA Compliance Purposes.

## Pesticide Analysis

## Quality Control Detail

Analysis Date: 2021-10-04

Testing Batch ID: V1812,1811,1809,1805,1801,1798,1789

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

Continued on next page

# Report: Quality Check



OLCC License No. 10087092BDA | ORELAP ID: 4-47

545 SW 2nd Street, Corvallis OR, 97333 | 541.257.5002 | services@preelab.com | Preeelab.com

For OLCC/OHA Compliance Purposes.

## 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
Metolaxyl	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	< 0.5	< 0.5
Pyrethrin - Jasmolin	o	< 0.5	< 0.5	< 0.5
Pyrethrin - Pyrethrins	o	< 0.5	< 0.5	< 0.5
Pyridaben	o	< 0.02	< 0.02	< 0.02
Spinosyn A	o	< 0.1	< 0.1	< 0.1
Spinosyn D	o	< 0.1	< 0.1	< 0.1
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

Continued on next page.



# Report: Quality Check



OLCC License No. 10087092BDA | DRELAP ID. 4147

545 SW 2nd Street, Corvallis OR, 97333 | 541.257.5002 | services@preelab.com | Preelab.com

For OLCC/OHA Compliance Purposes.

## Pesticide Analysis

## Quality Control Detail

Pesticide Name	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%)
Abamectin	•	100.00	75.53	60 - 140
Acophate	•	100.00	101.87	60 - 140
Acequinocyl	•	100.00	84.12	60 - 140
Acetamiprid	•	100.00	99.57	60 - 140
Aldicarb	•	100.00	105.49	60 - 140
Azoxystrobin	•	100.00	114.61	60 - 140
Bifenazate	•	100.00	100.44	60 - 140
Bifenthrin	•	100.00	102.17	60 - 140
Boscalid	•	100.00	105.98	60 - 140
Carbaryl	•	100.00	99.87	60 - 140
Carbofuran	•	100.00	93.68	60 - 140
Chlorantraniliprole	•	100.00	91.31	60 - 140
Chlorfenapyr	•	100.00	114.35	60 - 140
Chlorpyrifos	•	100.00	78.25	60 - 140
Clofentezine	•	100.00	118.32	60 - 140
Cyfluthrin	•	100.00	72.42	60 - 140
Cypermethrin	•	100.00	85.48	60 - 140
Daminozide	•	100.00	93.19	60 - 140
Diazinon	•	100.00	113.11	60 - 140
Dichlorvos	•	100.00	85.86	60 - 140
Dimethoate	•	100.00	98.18	60 - 140
Ethoprophos	•	100.00	86.88	60 - 140
Etofenprox	•	100.00	87.77	60 - 140
Etoxazole	•	100.00	98.33	60 - 140
Fenoxycarb	•	100.00	102.88	60 - 140
Fenpyroximate	•	100.00	97.68	60 - 140
Fipronil	•	100.00	77.26	60 - 140
Flonicamid	•	100.00	99.86	60 - 140
Fludoxonil	•	100.00	105.61	60 - 140
Hexythiazox	•	100.00	99.88	60 - 140
Imazafil	•	100.00	99.76	60 - 140
Imidacloprid	•	100.00	94.55	60 - 140
Kresoxim-methyl	•	100.00	113.05	60 - 140

Continued on next page

# Report: Quality Check



OLCC License No. 10087092BDA | ORELAP ID. 4147

545 SW 2nd Street, Corvallis OR, 97333 | 541.257.5902 | services@preelab.com | PreeLab.com

For OLCC/OHA Compliance Purposes.

## Pesticide Analysis

## Quality Control Detail

Pesticide Name	LCS	Expected Recovery (%)	Actual Recovery (%)	Pass Criteria (%)
Malathion	•	100.00	108.04	60 - 140
Metolaxyl	•	100.00	110.23	60 - 140
Methiocarb	•	100.00	108.77	60 - 140
Methomyl	•	100.00	101.14	60 - 140
Methyl-Parathion	•	100.00	103.31	60 - 140
MGK-264 I	•	100.00	87.66	60 - 140
MGK-264 II	•	100.00	90.66	60 - 140
Myclobutanil	•	100.00	84.93	60 - 140
Naled	•	100.00	104.62	60 - 140
Oxamyl	•	100.00	105.81	60 - 140
Paclobutrazol	•	100.00	105.49	60 - 140
Permethrin - trans	•	100.00	88.01	60 - 140
Permethrin - cis	•	100.00	90.62	60 - 140
Phosmet	•	100.00	103.09	60 - 140
Piperonyl butoxide	•	100.00	96.37	60 - 140
Prallethrin	•	100.00	87.09	60 - 140
Propiconazole	•	100.00	112.01	60 - 140
Propoxur	•	100.00	94.79	60 - 140
Pyrethrin - Cinerin	•	100.00	94.80	60 - 140
Pyrethrin - Jasmolin	•	100.00	87.59	60 - 140
Pyrethrin - Pyrethrins	•	100.00	73.12	60 - 140
Pyridaben	•	100.00	95.47	60 - 140
Spinosyn A	•	100.00	109.05	60 - 140
Spinosyn D	•	100.00	88.12	60 - 140
Spiromesifen	•	100.00	75.44	60 - 140
Spirotramat	•	100.00	96.97	60 - 140
Spiroxamine	•	100.00	110.18	60 - 140
Tebuconazole	•	100.00	83.78	60 - 140
Thiacloprid	•	100.00	94.98	60 - 140
Thiamethoxam	•	100.00	96.60	60 - 140
Trifloxystrobin	•	100.00	92.04	61 - 140

# Report: Definition

## 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.
- **Report Flag (A)** : Compound tested over 100% or 1000 mg/g. The test result is within the method uncertainty and instrument result is not above the upper limit of quantitation. Value will be adjusted down to 100% or 1000 mg/kg in the reporting process.
- **Report Flag (B)** : Blank contamination - The analyte was detected above one-half the reporting limit in an associated blank.
- **Report Flag (E)** : Compound tested above the upper limit of quantitation.
- **Report Flag (Q)** : One or more quality control criteria (for example, LCS recovery, surrogate spike recovery) failed.

## Calculations

- **Cannabinoid Potency** :  
$$\text{Wet WT\%} = (\text{Exported concentration ppm}) \times (\text{Dilution}) \times (\text{Extraction Vol./Wet wt mg}) \times 100$$
$$\text{Total THC\%} = (\% \text{THCA}) \times 0.877 + (\% \text{THC})$$
$$\text{Total CBD\%} = (\% \text{CBDA}) \times 0.877 + (\% \text{CBD})$$
$$\text{Total THC (Dry WT)\%} = \% \text{ total THC(wet)} / [1 - (\% \text{moisture}/100)]$$
$$\text{Total CBD (Dry WT)\%} = \% \text{ total CBD(wet)} / [1 - (\% \text{moisture}/100)]$$
- **Percentage Recovery** :  
$$\% \text{ Rec.} = [(\text{Amount measured}) / (\text{Known amount})] * 100$$

## Disclaimers

- **Disposal** : All marijuana and hemp products received by PREE will be disposed of following the OLCC's rules for Marijuana Waste Management, regardless of product type, unless PREE is given specific disposal instructions for a product based on test results from state regulatory agencies.

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

**A4775-02**

**FREE Labs**

**010-10087092BDA**

Sample ID: P210893-02 METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 10/01/21 15:55

Date Accepted: 10/01/21

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

### Residual Solvents

Analyte	LOQ	Action Level	Result	Units
Butanes			< LOQ	ppm
n-Butane			< LOQ	ppm
iso-Butane			< LOQ	ppm
Hexanes			< LOQ	ppm
n-Hexane			< LOQ	ppm
2-Methylpentane			< LOQ	ppm
3-Methylpentane			< LOQ	ppm
2,2-Dimethylbutane			< LOQ	ppm
2,3-Dimethylbutane			< LOQ	ppm
Pentanes			< LOQ	ppm
n-Pentane			< LOQ	ppm
iso-Pentane			< LOQ	ppm
Neopentane			< LOQ	ppm
Xylenes			< LOQ	ppm
1,2-Dimethylbenzene			< LOQ	ppm
1,3-Dimethylbenzene			< LOQ	ppm
1,4-Dimethylbenzene			< LOQ	ppm
Xylenes MP			< LOQ	ppm
Ethyl benzene			< LOQ	ppm
2-Propanol (IPA)			< LOQ	ppm
Acetone			< LOQ	ppm
Acetonitrile			< LOQ	ppm
Benzene			< LOQ	ppm
Methanol			< LOQ	ppm
Propane			< LOQ	ppm
Toluene			< LOQ	ppm
Dichloromethane			< LOQ	ppm
1,4-Dioxane			< LOQ	ppm
2-Butanol			< LOQ	ppm
2-Ethoxyethanol			< LOQ	ppm
Cumene			< LOQ	ppm
Cyclohexane			< LOQ	ppm
Ethyl acetate			< LOQ	ppm
Ethyl ether			< LOQ	ppm
Ethylene glycol			< LOQ	ppm
Ethylene oxide			< LOQ	ppm
Heptane			< LOQ	ppm
Isopropyl acetate			< LOQ	ppm
Tetrahydrofuran			< LOQ	ppm
Ethanol			< LOQ	ppm
Water	NA	TIC	NA	

Date/Time Extracted: 10/04/21 13:03

Date/Time Analyzed: 10/05/21 11:18

Analysis Method/SOP: SOP.T.40.031

3 - Total butanes are calculated as sum of n-butanenes (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)

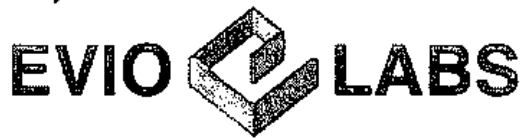
7 - Ethanol is not regulated under OAR-333-007-0410.

TIC - Tentatively Identified Compound 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 - 10/5/2021



# Certificate of Analysis

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

## Quality Control

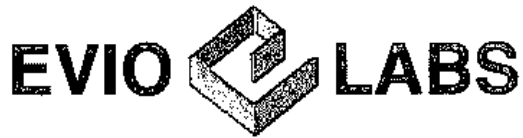
**Batch: P21J007 - SOP.T.40.031 Solvents**

Blank(P21J007-BLK1)			Extracted: 10/04/21 13:03		Analyzed: 10/05/21 11:18		
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	Ethanol	< LOQ	1400 (ppm)	< LOQ

LCS(P21J007-BS1)			Extracted: 10/04/21 13:03		Analyzed: 10/05/21 11:18		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Butanes	56.6	(ppm)	0-200	n-Butane	64.1	(ppm)	50-150
iso-Butane	49.0	(ppm)	50-150	Hexanes	97.2	(ppm)	0-200
n-Hexane	101	(ppm)	70-130	2-Methylpentane	99.7	(ppm)	70-130
3-Methylpentane	99.1	(ppm)	70-130	2,2-Dimethylbutane	99.5	(ppm)	70-130
2,3-Dimethylbutane	92.0	(ppm)	70-130	Pentanes	102	(ppm)	0-200
n-Pentane	88.1	(ppm)	70-130	iso-Pentane	83.1	(ppm)	70-130
Neopentane	68.2	(ppm)	50-150	Xylenes	93.6	(ppm)	0-200
1,2-Dimethylbenzene	92.9	(ppm)	70-130	1,3-Dimethylbenzene	95.1	(ppm)	70-130
1,4-Dimethylbenzene	95.2	(ppm)	70-130	Xylenes MP	93.6	(ppm)	0-200
Ethyl benzene	95.1	(ppm)	70-130	2-Propanol (IPA)	99.4	(ppm)	70-130
Acetone	93.7	(ppm)	70-130	Acetonitrile	97.0	(ppm)	70-130
Benzene	107	(ppm)	70-130	Methanol	111	(ppm)	70-130
Propane	43.5	(ppm)	50-150	Toluene	97.9	(ppm)	70-130
Dichloromethane	110	(ppm)	70-130	1,4-Dioxane	101	(ppm)	70-130


 Kawai Medeiros  
 Laboratory Manager - 10/5/2021

This report shall not be reproduced, unless in its entirety, without written approval from EVIO Labs, Inc. Test results are confidential unless explicitly waived otherwise.  
 All QC samples meet acceptance criteria of the method; data available upon request. The results relate only to the material or product analyzed for the sample included on this report.



# Certificate of Analysis

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

## Quality Control

Batch: P21J007 - SOP.T.40.031 Solvents (Continued)

LCS(P21J007-BS1)			Extracted: 10/04/21 13:03		Analyzed: 10/05/21 11:18		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
2-Butanol	98.7	(ppm)	70-130	2-Ethoxyethanol	95.7	(ppm)	70-130
Cumene	99.7	(ppm)	50-150	Cyclohexane	104	(ppm)	70-130
Ethyl acetate	95.3	(ppm)	70-130	Ethyl ether	103	(ppm)	70-130
Ethylene glycol	87.5	(ppm)	70-130	Ethylene oxide	88.4	(ppm)	50-150
Heptane	103	(ppm)	70-130	Isopropyl acetate	99.4	(ppm)	70-130
Tetrahydrofuran	93.9	(ppm)	70-130				

Kawai Medeiros  
Laboratory Manager - 10/5/2021