

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: **Enveed Hemp**
6450 Lusk Blvd, #E103
San Diego CA 92121
Product Name: **2.17.20 CBG-ISO Batch #7057 Prim**

Matrix: Hemp Concentrate
Metc Source ID: n/a
Metc Package ID: n/a
License Number: n/a
Date Collected: 2021-02-17
Date Received: 2021-02-17
Report Date: 2021-02-19
Report ID: A3098-05
Tests Requested: Cannabinoid Potency Analysis
Pesticide Analysis
Residual Solvent Analysis

2.17.20 CBG-ISO Batch #7057 Prim

Evaluation Summary

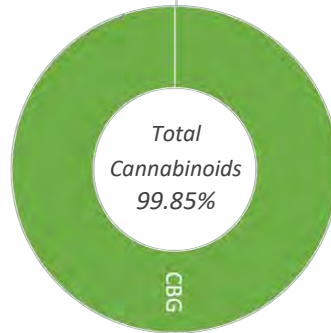
Moisture Analysis | Test Not Required

Cannabinoid Potency Analysis

Total THC * **Total CBD ***

< LOQ < LOQ

< LOQ < LOQ



Abv.	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	< LOQ	< LOQ
CBGA	< LOQ	< LOQ
CBG	99.85 %	998.5 mg/g
CBDVA	< LOQ	< LOQ
CBDV	< LOQ	< LOQ
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

This report presents the analytical findings for the sample collected on 2021-02-17 by Skyler Smith using sampling plan A3098 and received by PREE Laboratory on 2021-02-17. The sample was assigned a laboratory ID of A3098-05. The results in this report only apply to sample A3098-05.

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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	Evaluation Detail					
Product Name: 2.17.20 CBG-ISO Batch #7057 Prim	Cannabinoid Potency Analysis	Compound	Abv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Analysis Date: 2021-02-18	Total THC *	Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.2 %
Testing Batch ID: V1115,1113,1112,1110,1105	< LOQ	Delta9 Tetrahydro-cannabinol	Δ-9-THC	< LOQ	< LOQ	0.2 %
Testing Method: LSOP #303 Cannabinoid Quantification	< LOQ	Delta8 Tetrahydro-cannabinol	Δ-8-THC	< LOQ	< LOQ	0.2 %
		Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.2 %
	Total CBD *	Cannabidiolic acid	CBDA	< LOQ	< LOQ	0.2 %
	< LOQ	Cannabidiol	CBD	< LOQ	< LOQ	0.2 %
	< LOQ	Cannabigerolic acid	CBGA	< LOQ	< LOQ	0.2 %
		Cannabigerol	CBG	99.85 %	998.5	0.2 %
		Cannabidivarinic acid	CBDVA	< LOQ	< LOQ	0.2 %
		Cannabidivarin	CBDV	< LOQ	< LOQ	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.

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

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Pesticide Analysis

Product Name: **2.17.20 CBG-ISO Batch #7057 Prim**

Analysis Date: 2021-02-18

Testing Batch ID: V1115,1114,1113,1112

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	0.20	Pass
Acephate	< LOQ	0.40	0.04	Pass
Acequinocyl	< LOQ	2.00	0.20	Pass
Acetamiprid	< 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
Carbofuran	< LOQ	0.20	0.04	Pass
Chlorantraniliprole	< 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
Etoxazole	< 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

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Pesticide Analysis

Evaluation Detail

Pesticide Name	Tested Value (ppm)	Pass Criteria (ppm)	LOQ (ppm)	Status Pass/Unsatisfactory
Malathion	< LOQ	0.20	0.04	Pass
Metalaxyl	< 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
Paclobutrazol	< 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
Pyridaben	< LOQ	0.20	0.04	Pass
Spinosad	< LOQ	0.20	0.04	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

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Moisture Analysis	Quality Control Detail						
	Moisture Analysis						
Cannabinoid Potency Analysis	Quality Control Detail						
Analysis Date: 2021-02-18	Cannabinoid Potency Analysis		MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Testing Batch ID: V1115,1113,1112,1110,1105	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%	106.4%	80-120%
	Delta9 Tetrahydro-cannabinol			●	100.0%	98.1%	80-120%
	Cannabidiolic acid			●	100.0%	105.5%	80-120%
	Cannabidiol			●	100.0%	87.6%	80-120%

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Pesticide Analysis

Analysis Date: 2021-02-18

Testing Batch ID: V1115,1114,1113,1112

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 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 Name	LCS	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	•	1.00	1.214	0.6 - 1.4
Acephate	•	1.00	0.754	0.6 - 1.4
Acequinocyl	•	1.00	1.068	0.6 - 1.4
Acetamiprid	•	1.00	0.954	0.6 - 1.4
Aldicarb	•	1.00	0.909	0.6 - 1.4
Azoxystrobin	•	1.00	1.007	0.6 - 1.4
Bifenazate	•	1.00	0.981	0.6 - 1.4
Bifenthrin	•	1.00	0.873	0.6 - 1.4
Boscalid	•	1.00	0.912	0.6 - 1.4
Carbaryl	•	1.00	0.828	0.6 - 1.4
Carbofuran	•	1.00	0.978	0.6 - 1.4
Chlorantraniliprole	•	1.00	0.957	0.6 - 1.4
Chlorfenapyr	•	1.00	0.703	0.6 - 1.4
Chlorpyrifos	•	1.00	0.795	0.6 - 1.4
Clofentezine	•	1.00	0.746	0.6 - 1.4
Cyfluthrin	•	1.00	0.733	0.6 - 1.4
Cypermethrin	•	1.00	0.747	0.6 - 1.4
Daminozide	•	1.00	0.737	0.6 - 1.4
Diazinon	•	1.00	0.852	0.6 - 1.4
Dichlorvos	•	1.00	0.955	0.6 - 1.4
Dimethoate	•	1.00	1.030	0.6 - 1.4
Ethoprophos	•	1.00	1.131	0.6 - 1.4
Etofenprox	•	1.00	0.811	0.6 - 1.4
Etoxazole	•	1.00	0.945	0.6 - 1.4
Fenoxycarb	•	1.00	0.916	0.6 - 1.4
Fenpyroximate	•	1.00	0.867	0.6 - 1.4
Fipronil	•	1.00	0.949	0.6 - 1.4
Flonicamid	•	1.00	0.770	0.6 - 1.4
Fludioxonil	•	1.00	0.851	0.6 - 1.4
Hexythiazox	•	1.00	0.881	0.6 - 1.4
Imazalil	•	1.00	0.802	0.6 - 1.4
Imidacloprid	•	1.00	0.898	0.6 - 1.4
Kresoxim-methyl	•	1.00	0.729	0.6 - 1.4

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Malathion	•	1.00	0.833	0.6 - 1.4
Metalaxyl	•	1.00	1.118	0.6 - 1.4
Methiocarb	•	1.00	0.937	0.6 - 1.4
Methomyl	•	1.00	0.830	0.6 - 1.4
Methyl-Parathion	•	1.00	1.069	0.6 - 1.4
MGK-264 I	•	1.00	0.889	0.6 - 1.4
MGK-264 II	•	1.00	1.139	0.6 - 1.4
Myclobutanil	•	1.00	1.034	0.6 - 1.4
Naled	•	1.00	0.771	0.6 - 1.4
Oxamyl	•	1.00	0.888	0.6 - 1.4
Paclobutrazol	•	1.00	0.963	0.6 - 1.4
Permethrin - trans	•	1.00	0.628	0.6 - 1.4
Permethrin - cis	•	1.00	0.902	0.6 - 1.4
Phosmet	•	1.00	0.879	0.6 - 1.4
Piperonyl butoxide	•	1.00	0.885	0.6 - 1.4
Prallethrin	•	1.00	0.895	0.6 - 1.4
Propiconazole	•	1.00	0.805	0.6 - 1.4
Propoxur	•	1.00	0.901	0.6 - 1.4
Pyrethrin - Cinerin	•	1.00	0.900	0.6 - 1.4
Pyrethrin - Pyrethrins/Jasmolin	•	1.00	0.971	0.6 - 1.4
Pyridaben	•	1.00	0.981	0.6 - 1.4
Spinosyn A	•	1.00	0.758	0.6 - 1.4
Spinosyn D	•	1.00	0.953	0.6 - 1.4
Spiromesifen	•	1.00	0.614	0.6 - 1.4
Spirotetramat	•	1.00	1.085	0.6 - 1.4
Spiroxamine	•	1.00	0.840	0.6 - 1.4
Tebuconazole	•	1.00	0.617	0.6 - 1.4
Thiacloprid	•	1.00	1.031	0.6 - 1.4
Thiamethoxam	•	1.00	0.813	0.6 - 1.4
Trifloxystrobin	•	1.00	0.889	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.
- Report Flag (E): Compound tested above the upper limit of quantitation.

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