

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

Bubba Kush
Fields of Hemp
 AG-R1042363IHG (ODA)



Confident Cannabis ID: 2011ELP0120.4893
Sample ID: P201236-02
Matrix: Hemp
METRC Batch #:
Sampling Method/SOP: Client
Date Sampled: NA
Date Accepted: 11/25/20
Harvest/Process Lot ID:

Batch ID:
Batch Size (g):
Unit for Sale:
Harvest/Production Date:

Cannabinoid Analysis

FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

Date/Time Extracted: 11/30/20 10:45
 Date/Time Analyzed: 11/30/20 23:37

Analysis Method/SOP: SOP.T.40.023

Cannabinoids	LOQ(%)	mg/g	% weight	Cannabinoid Profile
Total THC <small>((THCA*0.877)+Δ9THC)</small>		5.42	0.542	
Total CBD <small>((CBDA*0.877)+CBD)</small>		147.31	14.731	
THCA	0.100	6.18	0.618	
delta 9-THC	0.100	< LOQ	< LOQ	
delta 8-THC	0.100	< LOQ	< LOQ	
THCV	0.100	< LOQ	< LOQ	
CBGA	0.100	5.71	0.571	
CBDA	0.100	165.00	16.5	
CBD	0.100	2.60	0.260	
CBDV	0.100	< LOQ	< LOQ	
CBN	0.100	< LOQ	< LOQ	
CBG	0.100	< LOQ	< LOQ	
CBC	0.100	< LOQ	< LOQ	
THCV-A	0.100	< LOQ	< LOQ	
CBDV-A	0.100	< LOQ	< LOQ	
CBCA	0.100	8.09	0.809	
Sum of tested Cannabinoids	0.100	179.00	17.9	

Moisture Content

Date/Time Analyzed: 11/30/20 14:21
 Analysis Method/SOP: SOP.T.40.010

Moisture: 10.9 %

"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Oregon Water Activity action level is 0.65Aw and Oregon Moisture Content action level is 15%, Samples above limit will be highlighted RED; FD = Field Duplicate; LOQ = Limit of Quantitation.

Kawai Medeiros
 Laboratory Manager - 12/7/2020

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

FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

Bubba Kush

Fields of Hemp

AG-R1042363IHG (ODA)

Sample ID: P201236-02 METRC Batch #:

Matrix: Hemp

Date Sampled: NA

Date Accepted: 11/25/20

Batch ID:

Batch Size:

Sampling Method/SOP: Client

Terpene Analysis

Date/Time Extracted: 11/30/20 15:37

Analysis Method/SOP: SOP.T.40.092

Date/Time Analyzed: 12/01/20 09:56

Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)	Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)
alpha-Pinene	0.200	0.233	0.0233	beta-Pinene	0.200	0.316	0.0316
Camphene	0.200	< LOQ	< LOQ	Sabinene	0.200	< LOQ	< LOQ
Sabinene hydrate	0.200	< LOQ	< LOQ	beta-Myrcene	0.200	0.888	0.0888
p-Mentha-1,5-diene	0.200	< LOQ	< LOQ	(+)-3-Carene	0.200	< LOQ	< LOQ
alpha-Terpinene	0.200	< LOQ	< LOQ	gamma-Terpinene	0.200	< LOQ	< LOQ
Limonene	0.200	1.83	0.183	Eucalyptol	0.200	< LOQ	< LOQ
Guaiol	0.200	0.389	0.0389	Terpinolene	0.200	< LOQ	< LOQ
Linalool	0.200	0.758	0.0758	Camphor	0.200	< LOQ	< LOQ
(+)-Camphor	0.200	< LOQ	< LOQ	(-)-Camphor	0.200	< LOQ	< LOQ
Isopulegol	0.200	< LOQ	< LOQ	Isoborneol	0.200	< LOQ	< LOQ
Borneol	0.200	< LOQ	< LOQ	Hexahydrothymol	0.200	< LOQ	< LOQ
Geraniol	0.200	< LOQ	< LOQ	(+)-Pulegone	0.200	< LOQ	< LOQ
Nerol	0.200	< LOQ	< LOQ	cis-Nerolidol	0.200	< LOQ	< LOQ
trans-Nerolidol	0.200	< LOQ	< LOQ	Geranyl acetate	0.200	< LOQ	< LOQ
alpha-Cedrene	0.200	< LOQ	< LOQ	trans-Caryophyllene	0.200	4.39	0.439
Caryophyllene Oxide	0.200	0.352	0.0352	alpha-Humulene	0.200	1.57	0.157
Valencene	0.200	< LOQ	< LOQ	alpha-Farnesene	0.200	1.85	0.185
beta-Farnesene	0.200	2.19	0.219	Cedrol	0.200	< LOQ	< LOQ
alpha-Bisabolol	0.200	1.83	0.183	Fenchone	0.200	< LOQ	< LOQ
Fenchyl Alcohol	0.200	0.350	0.035	trans, beta- Ocimene	0.200	< LOQ	< LOQ
beta, cis- Ocimene	0.200	< LOQ	< LOQ	Terpineol	0.200	0.489	0.0489
Total (Sum):						17.44	1.74

Analysis performed on GCMS with confirmation ion identification. Terpene analysis is not ORELAP accredited.
 Results reported as dry weight. LOQ = Limit of Quantitation.



Kawai Medeiros
 Laboratory Manager - 12/7/2020

Page 2 of 4

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

Quality Control

Batch: P20K159 - SOP.T.30.050PDX Prep for Cannabinoids

Blank(P20K159-BLK1)			Extracted: 11/30/20 10:45		Analyzed: 11/30/20 22:10		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
THCA	< LOQ	0.100 (%)	< LOQ	delta 9-THC	< LOQ	0.100 (%)	< LOQ
delta 8-THC	< LOQ	0.100 (%)	< LOQ	THCV-A	< LOQ	0.100 (%)	< LOQ
THCV	< LOQ	0.100 (%)	< LOQ	CBDA	< LOQ	0.100 (%)	< LOQ
CBD	< LOQ	0.100 (%)	< LOQ	CBDV-A	< LOQ	0.100 (%)	< LOQ
CBDV	< LOQ	0.100 (%)	< LOQ	CBG	< LOQ	0.100 (%)	< LOQ
CBGA	< LOQ	0.100 (%)	< LOQ	CBN	< LOQ	0.100 (%)	< LOQ
CBCA	< LOQ	0.100 (%)	< LOQ	CBC	< LOQ	0.100 (%)	< LOQ
Sum of tested Cannabinoid:	< LOQ	0.100 (%)	< LOQ				

Batch: P20K161 - SOP.T.40.010 Moisture Content

Blank(P20K161-BLK1)			Extracted: 11/30/20 14:21		Analyzed: 11/30/20 14:21		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Percent Moisture	100	(%)	< LOQ				

Batch: P20K162 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS

Blank(P20K162-BLK1)			Extracted: 11/30/20 15:37		Analyzed: 12/01/20 09:56		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
alpha-Pinene	< LOQ	0.200 (mg/g)	< LOQ	beta-Pinene	< LOQ	0.200 (mg/g)	< LOQ
Camphene	< LOQ	0.200 (mg/g)	< LOQ	Sabinene	< LOQ	0.200 (mg/g)	< LOQ
Sabinene hydrate	< LOQ	0.200 (mg/g)	< LOQ	beta-Myrcene	< LOQ	0.200 (mg/g)	< LOQ
p-Mentha-1,5-diene	< LOQ	0.200 (mg/g)	< LOQ	(+)-3-Carene	< LOQ	0.200 (mg/g)	< LOQ
alpha-Terpinene	< LOQ	0.200 (mg/g)	< LOQ	gamma-Terpinene	< LOQ	0.200 (mg/g)	< LOQ
Limonene	< LOQ	0.200 (mg/g)	< LOQ	Eucalyptol	< LOQ	0.200 (mg/g)	< LOQ
Guaiol	< LOQ	0.200 (mg/g)	< LOQ	Terpinolene	< LOQ	0.200 (mg/g)	< LOQ
Linalool	< LOQ	0.200 (mg/g)	< LOQ	Camphor	< LOQ	0.200 (mg/g)	< LOQ
(+)-Camphor	< LOQ	0.200 (mg/g)	< LOQ	(-)-Camphor	< LOQ	0.200 (mg/g)	< LOQ
Isopulegol	< LOQ	0.200 (mg/g)	< LOQ	Isoborneol	< LOQ	0.200 (mg/g)	< LOQ
Borneol	< LOQ	0.200 (mg/g)	< LOQ	Hexahydrothymol	< LOQ	0.200 (mg/g)	< LOQ
Geraniol	< LOQ	0.200 (mg/g)	< LOQ	(+)-Pulegone	< LOQ	0.200 (mg/g)	< LOQ
Nerol	< LOQ	0.200 (mg/g)	< LOQ	cis-Nerolidol	< LOQ	0.200 (mg/g)	< LOQ
trans-Nerolidol	< LOQ	0.200 (mg/g)	< LOQ	Geranyl acetate	< LOQ	0.200 (mg/g)	< LOQ
alpha-Cedrene	< LOQ	0.200 (mg/g)	< LOQ	trans-Caryophyllene	< LOQ	0.200 (mg/g)	< LOQ
Caryophyllene Oxide	< LOQ	0.200 (mg/g)	< LOQ	alpha-Humulene	< LOQ	0.200 (mg/g)	< LOQ
Valencene	< LOQ	0.200 (mg/g)	< LOQ	alpha-Farnesene	< LOQ	0.200 (mg/g)	< LOQ
beta-Farnesene	< LOQ	0.200 (mg/g)	< LOQ	Cedrol	< LOQ	0.200 (mg/g)	< LOQ
alpha-Bisabolol	< LOQ	0.200 (mg/g)	< LOQ	Fenchone	< LOQ	0.200 (mg/g)	< LOQ
Fenchyl Alcohol	< LOQ	0.200 (mg/g)	< LOQ	trans, beta- Ocimene	< LOQ	0.200 (mg/g)	< LOQ



Kawai Medeiros
Laboratory Manager - 12/7/2020

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

Quality Control

Batch: P20K162 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS (Continued)

Blank(P20K162-BLK1)				Extracted: 11/30/20 15:37		Analyzed: 12/01/20 09:56	
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
beta, cis- Ocimene	< LOQ	0.200 (mg/g)	< LOQ	Terpineol	< LOQ	0.200 (mg/g)	< LOQ



Kawai Medeiros
 Laboratory Manager - 12/7/2020

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 R&D Purposes Only.

Product Description

Client: **Evio Labs**

Product Name: **P201236-02**

Matrix: Hemp Plant

Metrc Source ID: n/a

Metrc Package ID: n/a

License Number: 010-10046111391

Date Collected: 2020-11-30

Date Received: 2020-12-01

Report Date: 2020-12-07

Report ID: A2676-03

Tests Requested: Pesticide Analysis

Evaluation Summary

Pesticide Analysis

Pesticide Status

Pass

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

P201236-02

Report: Case Narrative

This certificate of analysis is prepared for...

Evio Labs

14775 SW 74th Ave Tigard OR 97224

This report presents the analytical findings for the sample collected on 2020-11-30 by Skyler Smith and received by PREE Laboratory on 2020-12-01. The sample was assigned a laboratory ID of A2676-03. The results in this report only apply to sample A2676-03.

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:

R&D sample results may not be used for compliance purposes.



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. 10087092BDA | ORELAP ID. 4147

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

For R&D Purposes Only.

Pesticide Analysis

Product Name: **P201236-02**

Analysis Date: 2020-12-05

Testing Batch ID: V969,968,967,966,965,964,963,962,961,957,956

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

Continued on next page...

Report: Evaluation Detail

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



OLCC License No. 10087092BDA | ORELAP ID. 4147

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

For R&D Purposes Only.

Pesticide Analysis

Analysis Date: 2020-12-05

Testing Batch ID: V969,968,967,966,965,964,963,962,961,957,956

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

Continued on next page...

Report: Quality Check



OLCC License No. 10087092BDA | ORELAP ID. 4147

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

For R&D Purposes Only.

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

Continued on next page...

Report: Quality Check



OLCC License No. 10087092BDA | ORELAP ID. 4147

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

For R&D Purposes Only.

Pesticide Analysis

Quality Control Detail

Pesticide Name	LCS	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Abamectin	•	1.00	1.024	0.6 - 1.4
Acephate	•	1.00	1.227	0.6 - 1.4
Acequinocyl	•	1.00	1.257	0.6 - 1.4
Acetamiprid	•	1.00	1.157	0.6 - 1.4
Aldicarb	•	1.00	1.150	0.6 - 1.4
Azoxystrobin	•	1.00	0.961	0.6 - 1.4
Bifenazate	•	1.00	0.974	0.6 - 1.4
Bifenthrin	•	1.00	1.343	0.6 - 1.4
Boscalid	•	1.00	0.951	0.6 - 1.4
Carbaryl	•	1.00	0.985	0.6 - 1.4
Carbofuran	•	1.00	0.963	0.6 - 1.4
Chlorantraniliprole	•	1.00	0.986	0.6 - 1.4
Chlorfenapyr	•	1.00	0.825	0.6 - 1.4
Chlorpyrifos	•	1.00	1.098	0.6 - 1.4
Clofentezine	•	1.00	1.153	0.6 - 1.4
Cyfluthrin	•	1.00	1.310	0.6 - 1.4
Cypermethrin	•	1.00	1.025	0.6 - 1.4
Daminozide	•	1.00	1.023	0.6 - 1.4
Diazinon	•	1.00	0.991	0.6 - 1.4
Dichlorvos	•	1.00	0.741	0.6 - 1.4
Dimethoate	•	1.00	1.078	0.6 - 1.4
Ethoprophos	•	1.00	1.066	0.6 - 1.4
Etofenprox	•	1.00	1.063	0.6 - 1.4
Etoxazole	•	1.00	1.049	0.6 - 1.4
Fenoxycarb	•	1.00	1.156	0.6 - 1.4
Fenpyroximate	•	1.00	1.161	0.6 - 1.4
Fipronil	•	1.00	1.013	0.6 - 1.4
Flonicamid	•	1.00	1.103	0.6 - 1.4
Fludioxonil	•	1.00	0.967	0.6 - 1.4
Hexythiazox	•	1.00	1.033	0.6 - 1.4
Imazalil	•	1.00	0.891	0.6 - 1.4
Imidacloprid	•	1.00	1.113	0.6 - 1.4
Kresoxim-methyl	•	1.00	0.968	0.6 - 1.4

Continued on next page...

Report: Quality Check



OLCC License No. 10087092BDA | ORELAP ID. 4147

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

For R&D Purposes Only.

Pesticide Analysis

Quality Control Detail

Pesticide Name	LCS	Expected Value (ppm)	Tested Value (ppm)	Pass Criteria (ppm)
Malathion	•	1.00	1.058	0.6 - 1.4
Metalaxyl	•	1.00	1.026	0.6 - 1.4
Methiocarb	•	1.00	0.966	0.6 - 1.4
Methomyl	•	1.00	1.087	0.6 - 1.4
Methyl-Parathion	•	1.00	0.808	0.6 - 1.4
MGK-264 I	•	1.00	1.099	0.6 - 1.4
MGK-264 II	•	1.00	0.723	0.6 - 1.4
Myclobutanil	•	1.00	0.916	0.6 - 1.4
Naled	•	1.00	1.019	0.6 - 1.4
Oxamyl	•	1.00	0.996	0.6 - 1.4
Paclobutrazol	•	1.00	0.975	0.6 - 1.4
Permethrin - trans	•	1.00	0.769	0.6 - 1.4
Permethrin - cis	•	1.00	0.978	0.6 - 1.4
Phosmet	•	1.00	0.931	0.6 - 1.4
Piperonyl butoxide	•	1.00	1.198	0.6 - 1.4
Prallethrin	•	1.00	1.124	0.6 - 1.4
Propiconazole	•	1.00	1.027	0.6 - 1.4
Propoxur	•	1.00	1.044	0.6 - 1.4
Pyrethrin - Cinerin	•	1.00	0.873	0.6 - 1.4
Pyrethrin - Pyrethrins/Jasmolin	•	1.00	0.894	0.6 - 1.4
Pyridaben	•	1.00	1.177	0.6 - 1.4
Spinosyn A	•	1.00	0.885	0.6 - 1.4
Spinosyn D	•	1.00	1.023	0.6 - 1.4
Spiromesifen	•	1.00	0.762	0.6 - 1.4
Spirotetramat	•	1.00	1.199	0.6 - 1.4
Spiroxamine	•	1.00	0.818	0.6 - 1.4
Tebuconazole	•	1.00	0.893	0.6 - 1.4
Thiacloprid	•	1.00	1.340	0.6 - 1.4
Thiamethoxam	•	1.00	1.077	0.6 - 1.4
Trifloxystrobin	•	1.00	1.294	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