

Prepared for:
MYADERM


 88 INVERNESS CIRCLE EAST BLDG A SUITE 101
 ENGLEWOOD, CO USA 80112

Myaderm DS Advanced Therapy CBD Cream

Batch ID or Lot Number: Batch 1201	Test: Microbial Contaminants	Reported: 25Apr2022	USDA License: NA
Matrix: Finished Product	Test ID: T000203151	Started: 19Apr2022	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 18Apr2022	Status: NA

Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


 Brianne Maillot
 25Apr2022
 03:27:00 PM MDT

PREPARED BY / DATE



 Eden Thompson-Wright
 25Apr2022
 04:07:00 PM MDT

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/59e0f4be-248e-49ae-83e5-d8b4f4926a8b>
Definitions

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU
 CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
 ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
 STEC = Shiga Toxin-Producing E. coli

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.


 Cert #4329.02
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Prepared for:
MYADERM

88 INVERNESS CIRCLE EAST BLDG A SUITE 101
ENGLEWOOD, CO USA 80112

Myaderm DS Advanced Therapy CBD Cream

Batch ID or Lot Number: Batch 1201	Test: Potency	Reported: 21Apr2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000203150	Started: 20Apr2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 18Apr2022	Status: N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.024	0.056	ND	ND	
Cannabichromenic Acid (CBCA)	0.022	0.051	ND	ND	
Cannabidiol (CBD)	0.083	0.154	5.480	54.80	
Cannabidiolic Acid (CBDA)	0.085	0.158	ND	ND	
Cannabidivarin (CBDV)	0.020	0.036	0.050	0.50	
Cannabidivarinic Acid (CBDVA)	0.035	0.066	ND	ND	
Cannabigerol (CBG)	0.013	0.032	ND	ND	
Cannabigerolic Acid (CBGA)	0.056	0.132	ND	ND	
Cannabinol (CBN)	0.017	0.041	ND	ND	
Cannabinolic Acid (CBNA)	0.038	0.090	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.067	0.158	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.060	0.143	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.054	0.127	ND	ND	
Tetrahydrocannabivarin (THCV)	0.012	0.029	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.047	0.112	ND	ND	
Total Cannabinoids			5.530	55.30	
Total Potential THC			ND	ND	
Total Potential CBD			5.480	54.80	

Final Approval



Daniel Weidensaul
21Apr2022
03:32:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
21Apr2022
03:38:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b42807e9-d42e-449c-89ff-45a204be7f57>

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
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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		Evaluation Summary			
Client:	GVB Oregon	Moisture Analysis	Test Not Required		
Product Name:	CBD Iso TST - 182 Dup	Cannabinoid Potency Analysis			
Process Lot:	n/a		Abrv.	Dry Wt. %	
Matrix:	Hemp Concentrate			Dry Wt. mg/g	
Metc Source ID:	n/a	Total THC *	Total CBD *		
Metc Package ID:	n/a	< LOQ	100.00 % (A)		
License Number:	n/a	< LOQ	1000.0 mg/g (A)		
Date Collected:	2022-02-17	<p>A donut chart with a central white circle containing the text "Total Cannabinoids 100.00%". The chart is divided into two concentric rings: an inner yellow ring and an outer light yellow ring. The text "Total CBD" is written vertically along the bottom edge of the inner ring.</p>	THCA	< LOQ	< LOQ
Date Received:	2022-02-17		Δ-9-THC	< LOQ	< LOQ
Report Date:	2022-02-23		Δ-8-THC	< LOQ	< LOQ
Report ID:	A5957-02		THCV	< LOQ	< LOQ
Tests Requested:	Cannabinoid Potency Analysis		CBDA	< LOQ	< LOQ
	Pesticide Analysis		CBD	100.00 % (A)	1000.0 mg/g
	Residual Solvent Analysis		CBGA	< LOQ	< LOQ
			CBG	< LOQ	< LOQ
			CBDVA	< LOQ	< LOQ
			CBDV	< LOQ	< LOQ
		CBN	< LOQ	< LOQ	
		CBL	< LOQ	< LOQ	
		CBC	< LOQ	< LOQ	

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

Report: Case Narrative

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 2022-02-17 by Skyler Smith using sampling plan A5957 and received by PREE Laboratory on 2022-02-17. The sample was assigned a laboratory ID of A5957-02. The results in this report only apply to sample A5957-02.

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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:

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 value of CBD was found to be 101.3 %. This is within the method uncertainty and, as a result, the reported concentration was adjusted to 100.00%.

TOTAL CANNABINOIDS - 1013.4mg/g | 101.34% THC TOTAL - 0mg/g | 0% CBD TOTAL - 1008.4mg/g | 100.84%
THC RPD value - None CBD RPD value - 0.92



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. 10087092BDA | ORELAP ID. 4147

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For OLCC/OHA Compliance Purposes.

Moisture Analysis	Evaluation Detail						
	Moisture Analysis		Test Not Requested/Required				
Cannabinoid Potency Analysis	Evaluation Detail						
Product Name: CBD Iso TST - 182 Dup	Cannabinoid Potency Analysis		Compound	Abrv.	Dry Wt. (%)	Dry Wt. (mg/g)	RL (%)
Analysis Date: 2022-02-18	Total THC *		Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.2 %
Testing Batch ID: POM220218B	< 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 %
	100.00 % (A)		Cannabidiol	CBD	100.00 % (A)	1000.0	0.2 %
	1000.0 mg/g (A)		Cannabigerolic acid	CBGA	< LOQ	< LOQ	0.2 %
			Cannabigerol	CBG	< LOQ	< LOQ	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

Report: Quality Check



OLCC License No. 10087092BDA | ORELAP ID. 4147

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For OLCC/OHA Compliance Purposes.

Moisture Analysis	Quality Control Detail						
Moisture Analysis	Moisture Analysis						
Test Not Requested/Required	Test Not Requested/Required						
Cannabinoid Potency Analysis	Quality Control Detail						
Analysis Date: 2022-02-18	Cannabinoid Potency Analysis		MB	LCS	Expected Value (%)	Tested Value (%)	Pass Criteria
Testing Batch ID: POM220218B	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%	90.9%	± 20%
	Delta9 Tetrahydro-cannabinol		●		100.0%	94.0%	± 20%
	Cannabidiolic acid		●		100.0%	94.5%	± 20%
	Cannabidiol		●		100.0%	102.7%	± 20%

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.

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/mg 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 :
$$\% \text{ Rec.} = [(\text{Amount measured}) / (\text{Known amount})] \times 100$$

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

A5957-02

PREE Labs

010-10087092BDA

Sample ID: P220140-05

METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 02/18/22 09:00

Date Accepted: 02/18/22

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 02/22/22 09:08

Date/Time Analyzed: 2/23/2022 12:26:00PM

Analysis Method/SOP: SOP.T.40.051 PDX

Analyte	LOQ	Action Level	Result	Units	Type
Abamectin	0.200	0.5	< LOQ	ppm	
Acephate	0.200	0.4	< LOQ	ppm	Organophosphate insecticide
Acequinocyl	1.00	2	< LOQ	ppm	
Acetamiprid	0.100	0.2	< LOQ	ppm	Neonicotinoid insecticide
Aldicarb	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Azoxystrobin	0.100	0.2	< LOQ	ppm	
Bifenazate	0.100	0.2	< LOQ	ppm	Unclassified insecticide
Bifenthrin	0.100	0.2	< LOQ	ppm	
Boscalid	0.200	0.4	< LOQ	ppm	Anilide fungicide
Carbaryl	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Carbofuran	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Chlorantraniliprole	0.100	0.2	< LOQ	ppm	Anthranilic diamide insecticide
Chlorfenapyr	0.400	1	< LOQ	ppm	Pyrazole insecticide
Chlorpyrifos	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Clofentezine	0.100	0.2	< LOQ	ppm	
Cyfluthrin	0.400	1	< LOQ	ppm	
Cypermethrin	0.400	1	< LOQ	ppm	
Daminozide	0.400	1	< LOQ	ppm	
DDVP (Dichlorvos)	0.400	1	< LOQ	ppm	
Diazinon	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Dimethoate	0.100	0.2	< LOQ	ppm	
Ethoprophos	0.100	0.2	< LOQ	ppm	
Etofenprox	0.200	0.4	< LOQ	ppm	
Etoxazole	0.100	0.2	< LOQ	ppm	Unclassified miticide
Fenoxycarb	0.100	0.2	< LOQ	ppm	
Fenpyroximate	0.200	0.4	< LOQ	ppm	
Fipronil	0.200	0.4	< LOQ	ppm	Pyrazole insecticide
Fonicamid	0.400	1	< LOQ	ppm	Pyridinecarboxamide insecticide
Fludioxonil	0.200	0.4	< LOQ	ppm	non-systemic fungicide
Hexythiazox	0.400	1	< LOQ	ppm	
Imazalil	0.100	0.2	< LOQ	ppm	Azole fungicide
Imidacloprid	0.200	0.4	< LOQ	ppm	Neonicotinoid insecticide
Kresoxim-methyl	0.200	0.4	< LOQ	ppm	
Malathion	0.100	0.2	< LOQ	ppm	
Metalaxyl	0.100	0.2	< LOQ	ppm	
Methiocarb	0.100	0.2	< LOQ	ppm	Carbamate insecticide



Kawai Medeiros
Lab Manager - 2/23/2022

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A5957-02

PREE Labs

010-10087092BDA

Sample ID: P220140-05

METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 02/18/22 09:00

Date Accepted: 02/18/22

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 02/22/22 09:08

Date/Time Analyzed: 2/23/2022 12:26:00PM

Analysis Method/SOP: SOP.T.40.051 PDX

Analyte	LOQ	Action Level	Result	Units	Type
Methomyl	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Methyl parathion	0.100	0.2	< LOQ	ppm	
MGK-264	0.100	0.2	< LOQ	ppm	
Myclobutanil	0.100	0.2	< LOQ	ppm	Azole fungicide
Naled	0.200	0.5	< LOQ	ppm	
Oxamyl	0.400	1	< LOQ	ppm	Carbamate insecticide
Paclobutrazol	0.200	0.4	< LOQ	ppm	Azole plant growth regulator
Permethrins	0.100	0.2	< LOQ	ppm	
Phosmet	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Piperonyl butoxide	1.00	2	< LOQ	ppm	
Prallethrin	0.100	0.2	< LOQ	ppm	
Propiconazole	0.200	0.4	< LOQ	ppm	
Propoxur	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Pyrethrins	0.400	1	< LOQ	ppm	
Pyridaben	0.100	0.2	< LOQ	ppm	Unclassified insecticide
Spinosad	0.100	0.2	< LOQ	ppm	Spinosyn insecticide
Spiromesifen	0.100	0.2	< LOQ	ppm	Keto-enol insecticide
Spirotetramat	0.100	0.2	< LOQ	ppm	Keto-enol insecticide
Spiroxamine	0.200	0.4	< LOQ	ppm	Unclassified fungicide
Tebuconazole	0.200	0.4	< LOQ	ppm	
Thiacloprid	0.100	0.2	< LOQ	ppm	
Thiamethoxam	0.100	0.2	< LOQ	ppm	Neonicotinoid insectide
Trifloxystrobin	0.100	0.2	< LOQ	ppm	Strobin fungicide

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
Lab Manager - 2/23/2022

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A5957-02

FREE Labs

010-10087092BDA

Sample ID: P220140-05 METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 02/18/22 09:00

Date Accepted: 02/18/22

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Residual Solvents

Analyte	LOQ	Action Level	Result	Units
Butanes	2500	5000 ³	< LOQ	ppm
n-Butane	1250	5000	< LOQ	ppm
iso-Butane	1250	5000	< LOQ	ppm
Hexanes	145	290 ⁴	< LOQ	ppm
n-Hexane	145	290	< LOQ	ppm
2-Methylpentane	145	290	< LOQ	ppm
3-Methylpentane	145	290	< LOQ	ppm
2,2-Dimethylbutane	145	290	< LOQ	ppm
2,3-Dimethylbutane	145	290	< LOQ	ppm
Pentanes	2500	5000 ⁵	< LOQ	ppm
n-Pentane	833.33	5000	< LOQ	ppm
iso-Pentane	833.33	5000	< LOQ	ppm
Neopentane	833.33	5000	< LOQ	ppm
Xylenes	1085	2170	< LOQ	ppm
1,2-Dimethylbenzene	271.25	2170	< LOQ	ppm
1,3-Dimethylbenzene	271.25	2170	< LOQ	ppm
1,4-Dimethylbenzene	271.25	2170	< LOQ	ppm
Ethyl benzene	271.25	NA	< LOQ	ppm
2-Propanol (IPA)	2500	5000	< LOQ	ppm
Acetone	2500	5000	< LOQ	ppm
Acetonitrile	205	410	< LOQ	ppm
Benzene	1	2	< LOQ	ppm
Methanol	1500	3000	< LOQ	ppm
Propane	2500	5000	< LOQ	ppm
Toluene	445	890	< LOQ	ppm
Dichloromethane	300	600	< LOQ	ppm
1,4-Dioxane	190	380	< LOQ	ppm
2-Butanol	2500	5000	< LOQ	ppm
2-Ethoxyethanol	80	160	< LOQ	ppm
Cumene	35	70	< LOQ	ppm
Cyclohexane	1940	3880	< LOQ	ppm
Ethyl acetate	2500	5000	< LOQ	ppm
Ethyl ether	2500	5000	< LOQ	ppm
Ethylene glycol	310	620	< LOQ	ppm
Ethylene oxide	25	50	< LOQ	ppm
Heptane	2500	5000	< LOQ	ppm
Isopropyl acetate	2500	5000	< LOQ	ppm
Tetrahydrofuran	360	720	< LOQ	ppm
Ethanol	500	NA ⁷	< LOQ	ppm

Date/Time Extracted: 02/22/22 14:16

Date/Time Analyzed: 02/23/22 10:33

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.

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
Lab Manager - 2/23/2022

EVIO Labs Portland
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503-954-2562 / OLCC 010-10046111391 / www.EVIOLabs.com

Quality Control

Batch: P22B069 - SOP.T.30.060 Pesticide Prep

Blank(P22B069-BLK1)			Extracted: 02/22/22 09:08		Analyzed: 02/23/22 12:26		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Methyl parathion	< LOQ	0.100 (ppm)	< LOQ	MGK-264	< LOQ	0.100 (ppm)	< LOQ
Chlorfenapyr	< LOQ	0.400 (ppm)	< LOQ	Cyfluthrin	< LOQ	0.400 (ppm)	< LOQ
Cypermethrin	< LOQ	0.400 (ppm)	< LOQ	Abamectin	< LOQ	0.200 (ppm)	< LOQ
Acephate	< LOQ	0.200 (ppm)	< LOQ	Acequinocyl	< LOQ	1.00 (ppm)	< LOQ
Acetamiprid	< LOQ	0.100 (ppm)	< LOQ	Aldicarb	< LOQ	0.200 (ppm)	< LOQ
Azoxystrobin	< LOQ	0.100 (ppm)	< LOQ	Bifenazate	< LOQ	0.100 (ppm)	< LOQ
Bifenthrin	< LOQ	0.100 (ppm)	< LOQ	Boscalid	< LOQ	0.200 (ppm)	< LOQ
Carbaryl	< LOQ	0.100 (ppm)	< LOQ	Carbofuran	< LOQ	0.100 (ppm)	< LOQ
Chlorantraniliprole	< LOQ	0.100 (ppm)	< LOQ	Chlorpyrifos	< LOQ	0.100 (ppm)	< LOQ
Clofentezine	< LOQ	0.100 (ppm)	< LOQ	Daminozide	< LOQ	0.400 (ppm)	< LOQ
DDVP (Dichlorvos)	< LOQ	0.400 (ppm)	< LOQ	Diazinon	< LOQ	0.100 (ppm)	< LOQ
Dimethoate	< LOQ	0.100 (ppm)	< LOQ	Ethoprophos	< LOQ	0.100 (ppm)	< LOQ
Etofenprox	< LOQ	0.200 (ppm)	< LOQ	Etoxazole	< LOQ	0.100 (ppm)	< LOQ
Fenoxycarb	< LOQ	0.100 (ppm)	< LOQ	Fenpyroximate	< LOQ	0.200 (ppm)	< LOQ
Fipronil	< LOQ	0.200 (ppm)	< LOQ	Flonicamid	< LOQ	0.400 (ppm)	< LOQ
Fludioxonil	< LOQ	0.200 (ppm)	< LOQ	Hexythiazox	< LOQ	0.400 (ppm)	< LOQ
Imazalil	< LOQ	0.100 (ppm)	< LOQ	Imidacloprid	< LOQ	0.200 (ppm)	< LOQ
Kresoxim-methyl	< LOQ	0.200 (ppm)	< LOQ	Malathion	< LOQ	0.100 (ppm)	< LOQ
Metalaxyl	< LOQ	0.100 (ppm)	< LOQ	Methiocarb	< LOQ	0.100 (ppm)	< LOQ
Methomyl	< LOQ	0.200 (ppm)	< LOQ	Myclobutanil	< LOQ	0.100 (ppm)	< LOQ
Naled	< LOQ	0.200 (ppm)	< LOQ	Oxamyl	< LOQ	0.400 (ppm)	< LOQ
Paclobutrazol	< LOQ	0.200 (ppm)	< LOQ	Permethrins	< LOQ	0.100 (ppm)	< LOQ
Phosmet	< LOQ	0.100 (ppm)	< LOQ	Piperonyl butoxide	< LOQ	1.00 (ppm)	< LOQ
Prallethrin	< LOQ	0.100 (ppm)	< LOQ	Propiconazole	< LOQ	0.200 (ppm)	< LOQ
Propoxur	< LOQ	0.100 (ppm)	< LOQ	Pyridaben	< LOQ	0.100 (ppm)	< LOQ
Pyrethrins	< LOQ	0.400 (ppm)	< LOQ	Spinosad	< LOQ	0.100 (ppm)	< LOQ
Spiromesifen	< LOQ	0.100 (ppm)	< LOQ	Spirotetramat	< LOQ	0.100 (ppm)	< LOQ
Spiroxamine	< LOQ	0.200 (ppm)	< LOQ	Tebuconazole	< LOQ	0.200 (ppm)	< LOQ
Thiacloprid	< LOQ	0.100 (ppm)	< LOQ	Thiamethoxam	< LOQ	0.100 (ppm)	< LOQ
Trifloxystrobin	< LOQ	0.100 (ppm)	< LOQ				

LCS(P22B069-BS1)			Extracted: 02/22/22 09:08		Analyzed: 02/23/22 12:26		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Methyl parathion	111	0.100 (ppm)	50-150	MGK-264	83.1	0.100 (ppm)	50-150
Chlorfenapyr	105	0.400 (ppm)	50-150	Cyfluthrin	106	0.400 (ppm)	50-150
Cypermethrin	102	0.400 (ppm)	50-150	Abamectin	75.6	0.200 (ppm)	50-150
Acephate	103	0.200 (ppm)	50-150	Acequinocyl	93.5	1.00 (ppm)	50-150



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Quality Control

Batch: P22B069 - SOP.T.30.060 Pesticide Prep (Continued)

LCS(P22B069-BS1)			Extracted: 02/22/22 09:08		Analyzed: 02/23/22 12:26		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Acetamiprid	99.7	0.100 (ppm)	50-150	Aldicarb	95.9	0.200 (ppm)	50-150
Azoxystrobin	106	0.100 (ppm)	50-150	Bifenazate	97.0	0.100 (ppm)	50-150
Bifenthrin	99.1	0.100 (ppm)	50-150	Boscalid	96.1	0.200 (ppm)	50-150
Carbaryl	106	0.100 (ppm)	50-150	Carbofuran	108	0.100 (ppm)	50-150
Chlorantraniliprole	104	0.100 (ppm)	50-150	Chlorpyrifos	104	0.100 (ppm)	50-150
Clofentezine	97.5	0.100 (ppm)	50-150	Daminozide	95.1	0.400 (ppm)	50-150
DDVP (Dichlorvos)	106	0.400 (ppm)	50-150	Diazinon	109	0.100 (ppm)	50-150
Dimethoate	93.3	0.100 (ppm)	50-150	Ethoprophos	101	0.100 (ppm)	50-150
Etofenprox	114	0.200 (ppm)	50-150	Etoxazole	118	0.100 (ppm)	50-150
Fenoxycarb	98.5	0.100 (ppm)	50-150	Fenpyroximate	101	0.200 (ppm)	50-150
Fipronil	115	0.200 (ppm)	50-150	Flonicamid	88.7	0.400 (ppm)	50-150
Fludioxonil	100	0.200 (ppm)	50-150	Hexythiazox	93.9	0.400 (ppm)	50-150
Imazalil	109	0.100 (ppm)	50-150	Imidacloprid	94.0	0.200 (ppm)	50-150
Kresoxim-methyl	97.2	0.200 (ppm)	50-150	Malathion	103	0.100 (ppm)	50-150
Metalaxyl	101	0.100 (ppm)	50-150	Methiocarb	99.7	0.100 (ppm)	50-150
Methomyl	94.4	0.200 (ppm)	50-150	Myclobutanil	85.0	0.100 (ppm)	50-150
Naled	94.1	0.200 (ppm)	50-150	Oxamyl	101	0.400 (ppm)	50-150
Paclobutrazol	101	0.200 (ppm)	50-150	Permethrins	108	0.100 (ppm)	50-150
Phosmet	100	0.100 (ppm)	50-150	Piperonyl butoxide	114	1.00 (ppm)	50-150
Prallethrin	92.4	0.100 (ppm)	50-150	Propiconazole	99.7	0.200 (ppm)	50-150
Propoxur	103	0.100 (ppm)	50-150	Pyridaben	120	0.100 (ppm)	50-150
Pyrethrins	97.5	0.400 (ppm)	50-150	Spinosad	131	0.100 (ppm)	50-150
Spiromesifen	151	0.100 (ppm)	50-150	Spirotetramat	106	0.100 (ppm)	50-150
Spiroxamine	105	0.200 (ppm)	50-150	Tebuconazole	106	0.200 (ppm)	50-150
Thiacloprid	104	0.100 (ppm)	50-150	Thiamethoxam	97.6	0.100 (ppm)	50-150
Trifloxystrobin	112	0.100 (ppm)	50-150				

Batch: P22B071 - SOP.T.40.031 Solvents

Blank(P22B071-BLK1)			Extracted: 02/22/22 14:16		Analyzed: 02/23/22 10:33		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
Butanes	< LOQ	2500 (ppm)	< LOQ	n-Butane	< LOQ	1250 (ppm)	< LOQ
iso-Butane	< LOQ	1250 (ppm)	< LOQ	Hexanes	< LOQ	145 (ppm)	< LOQ
n-Hexane	< LOQ	145 (ppm)	< LOQ	2-Methylpentane	< LOQ	145 (ppm)	< LOQ
3-Methylpentane	< LOQ	145 (ppm)	< LOQ	2,2-Dimethylbutane	< LOQ	145 (ppm)	< LOQ
2,3-Dimethylbutane	< LOQ	145 (ppm)	< LOQ	Pentanes	< LOQ	2500 (ppm)	< LOQ
n-Pentane	< LOQ	833.33 (ppm)	< LOQ	iso-Pentane	< LOQ	833.33 (ppm)	< LOQ
Neopentane	< LOQ	833.33 (ppm)	< LOQ	Xylenes	< LOQ	1085 (ppm)	< LOQ



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Quality Control

Batch: P22B071 - SOP.T.40.031 Solvents (Continued)

Blank(P22B071-BLK1)			Extracted: 02/22/22 14:16		Analyzed: 02/23/22 10:33		
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
1,2-Dimethylbenzene	< LOQ	271.25 (ppm)	< LOQ	1,3-Dimethylbenzene	< LOQ	271.25 (ppm)	< LOQ
1,4-Dimethylbenzene	< LOQ	271.25 (ppm)	< LOQ	Ethyl benzene	< LOQ	271.25 (ppm)	< LOQ
2-Propanol (IPA)	< LOQ	2500 (ppm)	< LOQ	Acetone	< LOQ	2500 (ppm)	< LOQ
Acetonitrile	< LOQ	205 (ppm)	< LOQ	Benzene	< LOQ	1 (ppm)	< LOQ
Methanol	< LOQ	1500 (ppm)	< LOQ	Propane	< LOQ	2500 (ppm)	< LOQ
Toluene	< LOQ	445 (ppm)	< LOQ	Dichloromethane	< LOQ	300 (ppm)	< LOQ
1,4-Dioxane	< LOQ	190 (ppm)	< LOQ	2-Butanol	< LOQ	2500 (ppm)	< LOQ
2-Ethoxyethanol	< LOQ	80 (ppm)	< LOQ	Cumene	< LOQ	35 (ppm)	< LOQ
Cyclohexane	< LOQ	1940 (ppm)	< LOQ	Ethyl acetate	< LOQ	2500 (ppm)	< LOQ
Ethyl ether	< LOQ	2500 (ppm)	< LOQ	Ethylene glycol	< LOQ	310 (ppm)	< LOQ
Ethylene oxide	< LOQ	25 (ppm)	< LOQ	Heptane	< LOQ	2500 (ppm)	< LOQ
Isopropyl acetate	< LOQ	2500 (ppm)	< LOQ	Tetrahydrofuran	< LOQ	360 (ppm)	< LOQ
Ethanol	< LOQ	500 (ppm)	< LOQ				

LCS(P22B071-BS1)			Extracted: 02/22/22 14:16		Analyzed: 02/23/22 10:33		
Analyte	% Recovery	LOQ	Recovery Limits	Analyte	% Recovery	LOQ	Recovery Limits
Butanes	51.2	(ppm)	0-200	n-Butane	63.9	(ppm)	50-150
iso-Butane	38.5	(ppm)	50-150	Hexanes	121	(ppm)	0-200
n-Hexane	125	(ppm)	70-130	2-Methylpentane	123	(ppm)	70-130
3-Methylpentane	124	(ppm)	70-130	2,2-Dimethylbutane	122	(ppm)	70-130
2,3-Dimethylbutane	115	(ppm)	70-130	Pentanes	121	(ppm)	0-200
n-Pentane	102	(ppm)	70-130	iso-Pentane	99.9	(ppm)	70-130
Neopentane	87.4	(ppm)	50-150	Xylenes	115	(ppm)	0-200
1,2-Dimethylbenzene	117	(ppm)	70-130	1,3-Dimethylbenzene	116	(ppm)	70-130
1,4-Dimethylbenzene	116	(ppm)	70-130	Ethyl benzene	119	(ppm)	70-130
2-Propanol (IPA)	117	(ppm)	70-130	Acetone	109	(ppm)	70-130
Acetonitrile	136	(ppm)	70-130	Benzene	131	(ppm)	70-130
Methanol	123	(ppm)	70-130	Propane	28.9	(ppm)	50-150
Toluene	129	(ppm)	70-130	Dichloromethane	128	(ppm)	70-130
1,4-Dioxane	135	(ppm)	70-130	2-Butanol	118	(ppm)	70-130
2-Ethoxyethanol	112	(ppm)	70-130	Cumene	129	(ppm)	50-150
Cyclohexane	120	(ppm)	70-130	Ethyl acetate	115	(ppm)	70-130
Ethyl ether	117	(ppm)	70-130	Ethylene glycol	78.7	(ppm)	50-150
Ethylene oxide	89.0	(ppm)	50-150	Heptane	120	(ppm)	70-130
Isopropyl acetate	125	(ppm)	70-130	Tetrahydrofuran	119	(ppm)	70-130



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