

**Professional Testing Labs, Inc**

4918 Crater Lake Ave.

Medford, OR 97504

(541) 816-4166

OLCC# 10156338460

Certificate of Analysis

For OLCC/OHA regulatory compliance

Report Date: 09/1/2023

Sample Type:	Client:	Date Recieved: 08/24/2023	Sampling Method:
Metric Batch ID:	Metric Source ID:	Lab Sample ID:	Grower License #:

Comments and Descriptions:

Potency		Reign Mann			
	25.63%				
	Total THC's				
Moisture Content	Water Activity				
 Pass	 Pass				
Heavy Metals	Microbes				
 Not Tested	 Not Tested				
Pesticides	Residual Solvents	Mycotoxins	Terpenes Percent		
 Pass	 Not Tested	 Pass	 Not Tested		

Total THC and Total CBD are calculated in accordance with Oregon reporting requirement (OAR 333-064-0100). For cannabinoid analysis, only CBDA, CBD, THC, THCA, and Δ8-THC are ORELAP accredited analytes. Cannabinoid values reported for plant matter are corrected for dry weight. Oregon water activity action level is 0.65aw and moisture content action level is 15%. Pesticide limits determined by OAR 333-007-0400: Table 3. Residual Solvent limits determined by OAR 333-007-0410: Table 4. This report shall not be reproduced, unless in its entirety, without approval from Professional Testing Labs, Inc. Test results relate only to the sample material analyzed. Results valid for 1 year after test date.

Approved by/date:


 Elijah Ballantyne
 Technical Director
 09/1/2023

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Reign Mann

Sample Type:	Client:	Lab Sample ID:	Sampling Method:
Metric Batch ID:	Grower License #:	Testing Performed:	Harvest Date:
Date Received: 08/24/2023	Comments and Descriptions:		

Cannabinoid Analysis

Date: 08/28/2023			
Analyte	% Dry Weight	LOQ (%)	Notes
CBDA	0.146	0.076	
CBD	<LOQ	0.076	
THC	.298	0.076	
THCA	25.334	0.076	
CBDV	<LOQ	0.076	
CBGA	0.770	0.076	
CBG	0.113	0.076	
THCV	0.100	0.076	
CBN	0.208	0.076	
Δ8-THC	<LOQ	0.076	
Δ10-THC	<LOQ	0.076	
CBC	0.142	0.076	
CBCA	0.197	0.076	
Total CBD	0.128	(CBDA*0.877)+CBD= Total CBD	
Total THC	25.632	(THCA*0.877)+THC= Total THC	
Total Minors	1.530	SUM% of Minor Cannabinoids	
Total Cannabinoids	27.451	Sum % Cannabinoids = Total Cannabinoids	

Moisture Content - PASS

Date: 08/27/2023

Analyst:

Method:

Moisture Content (%): 5.910**Water Activity - PASS**

Date: 08/27/2023

Analyst:

Method:

Water Activity (aw): 0.376

LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested. Total THC and Total CBD are calculated in accordance with Oregon reporting requirement (OAR 333-064-0100). For cannabinoid analysis, only CBDA, CBD, THC, THCA, and Δ8-THC are ORELAP accredited analytes. Cannabinoid values reported for plant matter are corrected for dry weight. Oregon water activity action level is 0.65aw and moisture content action level is 15%. Shown values have been rounded to 3 decimal digits, whereas calculations are performed with all available digits. LOQ Values based on LOQ study available upon request. This report shall not be reproduced, unless in its entirety, without approval from Professional Testing Labs, Inc. Test results relate only to the sample material analyzed. Results valid for 1 year after test date.

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Cannabinoid Analysis - Blank (230724e_BMX) - Pass

Date: 08/28/2023		Batch:		Prep Analyst:	Data Analyst:	SOP:
Analyte	% Dry Weight	LOQ (%)	Recovery Limits	Notes		
CBDA	<LOQ	0.05	<LOQ			
CBD	<LOQ	0.05	<LOQ			
THC	<LOQ	0.05	<LOQ			
THCA	<LOQ	0.05	<LOQ			
Δ8 THC	<LOQ	0.05	<LOQ			

Cannabinoid Analysis - LCS (230724e_LCS) - Pass

Date: 08/28/2023		Batch:		Prep Analyst:	Data Analyst:	SOP:
Analyte	% Recovery	LOQ (%)	Recovery Limits	Notes		
CBDA	99.31	0.05	90-110%			
CBD	100.062	0.05	90-110%			
THC	100.141	0.05	90-110%			
THCA	99.967	0.05	90-110%			
Δ8 THC	99.295	0.05	90-110%			

LOQ = Limit of Quantitation, ND = Not Detected NT = Not Tested. Total THC and Total CBD are calculated in accordance with Oregon reporting requirement (OAR 333-064-0100). For cannabinoid analysis, only CBDA, CBD, THC, THCA, and Δ8-THC are ORELAP accredited analytes. Cannabinoid values reported for plant matter are corrected for dry weight.

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Report Date: 09/1/2023

Pesticide Analysis - (230724e_5) - Pass

Date: 08/28/2023		Batch:		Prep Analyst:	Data Analyst:		SOP:
Analyte	Result (ppm)	Action Level	LOQ (ppm)	Analyte	Result (ppm)	Action Level	LOQ (ppm)
Abamectin	<LOQ	0.5	0.25	Imazalil	<LOQ	0.2	0.1
Acephate	<LOQ	0.4	0.2	Imidacloprid	<LOQ	0.4	0.2
Acequinocyl	<LOQ	2.0	1.0	Kresoxim-Methyl	<LOQ	0.4	0.2
Acetamiprid	<LOQ	0.2	0.1	MGK-264	<LOQ	0.2	0.1
Aldicarb	<LOQ	0.4	0.2	Malathion	<LOQ	0.2	0.1
Azoxystrobin	<LOQ	0.2	0.1	Metaxyl	<LOQ	0.2	0.1
Bifenazate	<LOQ	0.2	0.1	Methiocarb	<LOQ	0.4	0.2
Bifenthrin	<LOQ	0.2	0.1	Methomyl	<LOQ	0.2	0.1
Boscalid	<LOQ	0.4	0.2	Methyl Parathion	<LOQ	0.2	0.1
Carbaryl	<LOQ	0.2	0.1	Myclobutanil	<LOQ	0.2	0.1
Carbofuran	<LOQ	0.2	0.1	Naled	<LOQ	0.5	0.25
Chlorantraniliprole	<LOQ	0.2	0.1	Oxamyl	<LOQ	1.0	0.5
Chlorfenapyr	<LOQ	1.0	0.5	Paclobutrazol	<LOQ	0.4	0.2
Chlorpyrifos	<LOQ	0.2	0.1	Permethrins ¹	<LOQ	0.2	0.1
Clofentezine	<LOQ	0.2	0.1	Phosmet	<LOQ	0.2	0.1
Cyfluthrin	<LOQ	1.0	0.5	Piperonyl Butoxide	<LOQ	2.0	1.0
Cypermethrin	<LOQ	1.0	0.5	Prallethrin	<LOQ	0.2	0.1
Daminozide	<LOQ	1.0	0.5	Propiconazole	<LOQ	0.4	0.2
Diazinon	<LOQ	0.2	0.1	Propoxur	<LOQ	0.2	0.1
Dichlorvos	<LOQ	1.0	0.5	Pyrethrins ²	<LOQ	1.0	0.5
Dimethoate	<LOQ	0.2	0.1	Pyridaben	<LOQ	0.2	0.1
Ethoprophos	<LOQ	0.2	0.1	Spinosad ³	<LOQ	0.2	0.1
Etofenprox	<LOQ	0.4	0.2	Spiromesifen	<LOQ	0.2	0.1
Etoxazole	<LOQ	0.2	0.1	Spirotetramat	<LOQ	0.2	0.1
Fenoxycarb	<LOQ	0.2	0.1	Spiroxamine	<LOQ	0.4	0.2
Fenpyroximate	<LOQ	0.4	0.2	Tebuconazole	<LOQ	0.4	0.2
Fipronil	<LOQ	0.4	0.2	Thiacloprid	<LOQ	0.2	0.1
Flonicamid	<LOQ	1.0	0.5	Thiamethoxam	<LOQ	0.2	0.1
Fludioxonil	<LOQ	0.4	0.2	Trifloxystrobin	<LOQ	0.2	0.1
Hexythiazox	<LOQ	1.0	0.5				

¹ Permethrins are measured as the cumulative residues of cis and trans isomers.² Pyrethrins are measured as the cumulative residues of pyrethrin 1, cinerin 1, and jasmolin 1.³ Spinosad is calculated as a sum of isomers Spinosad A and Spinosad D.

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Pesticide Analysis - Quality Controls
Blank (230724e_MBX) and LCS (230724e_LCS)- Pass

Date: 08/28/2023	Batch:				Prep Analyst:	Data Analyst:				SOP:
Analyte	Blank (ppm)	LCS % Recovery	Recovery Limits (%)	LOQ (ppm)	Analyte	Blank (ppm)	LCS % Recovery	Recovery Limits (%)	LOQ (ppm)	
Abamectin	<LOQ	105.41	50-150	0.25	Imazalil	<LOQ	76.08	60-120	0.1	
Acephate	<LOQ	100.48	60-120	0.2	Imidacloprid	<LOQ	113.67	60-120	0.2	
Acequinocyl	<LOQ	80.79	40-160	1.0	Kresoxim-methyl	<LOQ	83.59	60-120	0.2	
Acetamiprid	<LOQ	93.9	60-120	0.1	MGK-264	<LOQ	64.81	50-150	0.1	
Aldicarb	<LOQ	90.29	60-120	0.2	Malathion	<LOQ	83.6	60-120	0.1	
Azoxystrobin	<LOQ	86.03	60-120	0.1	Metalaxyl	<LOQ	87.45	60-120	0.1	
Bifenazate	<LOQ	104.05	60-120	0.1	Methiocarb	<LOQ	85.37	60-120	0.2	
Bifenthrin	<LOQ	117.92	50-150	0.1	Methomyl	<LOQ	81.7	60-120	0.1	
Boscalid	<LOQ	132.76	60-120	0.2	Methyl Parathion	<LOQ	94.15	50-150	0.1	
Carbaryl	<LOQ	92.32	60-120	0.1	Myclobutanil	<LOQ	112.26	60-120	0.1	
Carbofuran	<LOQ	87.88	60-120	0.1	Naled	<LOQ	74.69	50-150	0.25	
Chlorantraniliprole	<LOQ	93.26	60-120	0.1	Oxamyl	<LOQ	101.93	60-120	0.5	
Chlorfenapyr	<LOQ	99.48	60-120	0.1	Paclobutrazol	<LOQ	110.11	60-120	0.2	
Chlorpyrifos	<LOQ	97.01	60-120	0.5	Permethrins ¹	<LOQ	93.75	50-150	0.1	
Clofentezine	<LOQ	115.64	60-120	0.1	Phosmet	<LOQ	102.83	50-150	0.1	
Cyfluthrin	<LOQ	52.05	50-150	0.5	Piperonyl butoxide	<LOQ	63.87	60-120	1.0	
Cypermethrin	<LOQ	111.16	50-150	0.5	Prallethrin	<LOQ	90.64	60-120	0.1	
Daminozide	<LOQ	88.9	60-120	0.5	Propiconazole	<LOQ	111.38	60-120	0.2	
Diazinon	<LOQ	72.22	60-120	0.5	Propoxur	<LOQ	86.2	60-120	0.1	
Dichlorvos	<LOQ	103.07	60-120	0.1	Pyrethrins ²	<LOQ	66.75	60-120	0.5	
Dimethoate	<LOQ	118.22	60-120	0.1	Pyridaben	<LOQ	86.68	50-150	0.1	
Ethoprophos	<LOQ	93.08	60-120	0.1	Spinosad ³	<LOQ	94.08	50-150	0.1	
Etofenprox	<LOQ	113.86	50-150	0.2	Spiromesifen	<LOQ	89.34	60-120	0.1	
Etoxazole	<LOQ	72.79	60-120	0.1	Spirotetramat	<LOQ	137.31	60-120	0.1	
Fenoxycarb	<LOQ	66.42	60-120	0.1	Spiroxamine	<LOQ	75.68	60-120	0.2	
Fenpyroximate	<LOQ	104.86	60-120	0.2	Tebuconazole	<LOQ	127.48	60-120	0.2	
Fipronil	<LOQ	68.26	60-120	0.2	Thiacloprid	<LOQ	98.48	60-120	0.1	
Flonicamid	<LOQ	117.04	60-120	0.5	Thiamethoxam	<LOQ	115.27	60-120	0.1	
Fludioxonil	<LOQ	78.18	50-150	0.2	Trifloxystrobin	<LOQ	78.48	60-120	0.1	
Hexythiazox	<LOQ	88.24	60-120	0.5						

¹ Permethrins are measured as the cumulative residues of cis and trans isomers.² Pyrethrins are measured as the cumulative residues of pyrethrin 1, cinerin 1, and jasmolin 1.³ Spinosad is calculated as a sum of isomers Spinosad A and Spinosad D.

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Mycotoxin Analysis - (230724e) - Pass

Date: 08/28/2023		Batch:		Prep Analyst:	Data Analyst:	SOP:
Analyte	Result (ppb)	LOQ (ppb)	Action Level	Notes		
Aflatoxin B1	<LOQ	10	Cumulative			
Aflatoxin B2	<LOQ	10	Cumulative			
Aflatoxin G1	<LOQ	10	Cumulative			
Aflatoxin G2	<LOQ	10	Cumulative			
Total Aflatoxins	<LOQ	10	20			
Ochratoxin	<LOQ	10	20			

Mycotoxin Analysis - Blank (230724e)

Analyte	Result (ppb)	LOQ (ppb)	Recovery Limit	Notes
Aflatoxin B1	<LOQ	10	<LOQ	
Aflatoxin B2	<LOQ	10	<LOQ	
Aflatoxin G1	<LOQ	10	<LOQ	
Aflatoxin G2	<LOQ	10	<LOQ	
Total Aflatoxins	<LOQ	10	<LOQ	
Ochratoxin	<LOQ	10	<LOQ	

Mycotoxin Analysis - LCS (230724e_LCS)

Analyte	Recovery (%)	LOQ (ppb)	Recovery Limits	Notes
Aflatoxin B1	101.55	10	60-120%	
Aflatoxin B2	105.6	10	60-120%	
Aflatoxin G1	91.5	10	60-120%	
Aflatoxin G2	103.25	10	60-120%	
Ochratoxin	98.4	10	60-120%	

LOQ = Limit of Quantitation, ND = Not Detected NT = Not Tested. Aflatoxins are measured as the cumulative sum of B1, B2, G1, and G2 isomers.

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END OF REPORT

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	Elijah Ballantyne Technical Director 09/01/2023
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