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 Number: _231026
Report Date: 10/26/2023

Heavy Metal Analysis - (231017rdb_4) - NT

Date: 231017rdab		Batch: HM		Prep Analyst:	Data Analyst:	SOP: 063
Analyte	Result (ppb)	LOQ (ppb)	Action Level (ppb)	Notes		
Arsenic	NT	100	200			
Cadmium	NT	100	200			
Lead	NT	250	500			
Mercury	NT	50	100			

Heavy Metal Analysis - Blank (231017rdbc_BMX) - NT

Analyte	Result (ppb)	LOQ (ppb)	Recovery Limit	Notes
Arsenic	NT	100	<LOQ	
Cadmium	NT	100	<LOQ	
Lead	NT	250	<LOQ	
Mercury	NT	50	<LOQ	

Heavy Metal Analysis - LCS (231017rdbc_LCS) - NT

Analyte	Recovery (%)	Recovery Limits	Notes
Arsenic	NT	80-115%	
Cadmium	NT	80-115%	
Lead	NT	80-115%	
Mercury	NT	80-115%	

Microbe Analysis - (231017rdb_4) - Pass

Date: 10/19/2023		Batch: MCBz231016abc_GRA WWF JF 231017a	Prep Analyst: AM	Data Analyst: AM	SOP: 059
Analyte	Result	Notes			
Aspergillus	Not Detected				
Salmonella	Not Detected				
E. Coli	Not Detected				

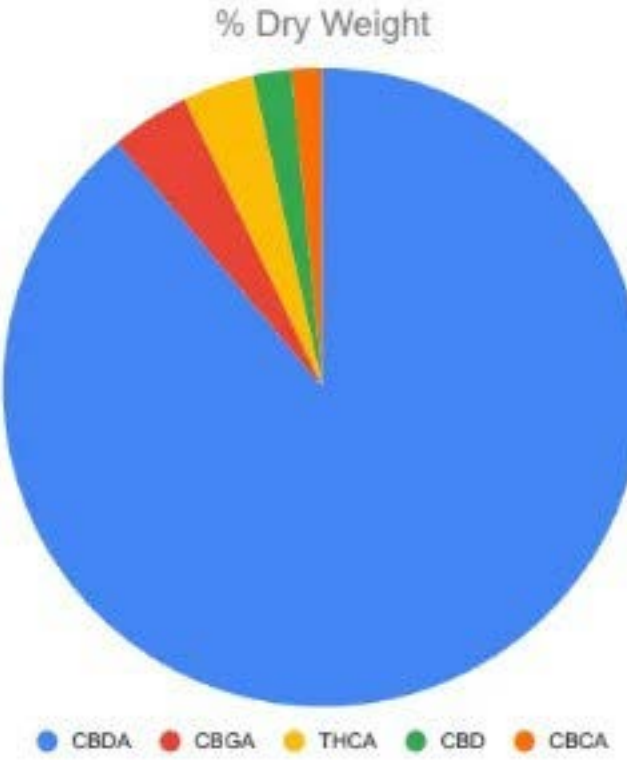
Microbe - Controls (231017rdbc_PC,231017rdbc_NC) - Pass

Analyte	Pos. Control	Neg. Control	Notes
Aspergillus	Detected	Not Detected	
SalTEC	Detected	Not Detected	

LOQ = Limit of Quantitation, ND = Not Detected NT = Not Tested. Aspergillus tests are a cummulative test for *A. flavus*, *A. fumigatus*, *A. niger*, and *A. terreus* species. Only Shiga toxin-producing E.Coli are tested for. SalTEC microbe controls test for Salmonella and Shiga toxing producing E. Coli.

Cannabinoid Analysis

Date: 10/25/2023	Batch: PO231017rdt	Analyst(s): JT,JT	Method: SOP 041
Analyte	% Dry Weight	LOQ (%)	Notes
CBDA	15.629	0.082	
CBD	0.342	0.082	
THC	<LOQ	0.082	
THCA	0.634	0.082	
CBDV	<LOQ	0.082	
CBGA	0.701	0.082	
CBG	<LOQ	0.082	
THCV	<LOQ	0.082	
CBN	<LOQ	0.082	
Δ8-THC	<LOQ	0.082	
Δ10-THC	<LOQ	0.082	
CBC	<LOQ	0.082	
CBCA	0.277	0.082	
Total CBD	**14.048**	(CBDA*0.877)+CBD= Total CBD	
Total THC	**0.556**	(THCA*0.877)+THC= Total THC	
Total Minors	**0.978**	SUM% of Minor Cannabinoids	
Total Cannabinoids	**17.582**	Sum % Cannabinoids = Total Cannabinoids	



Moisture Content - Not Tested		Water Activity - Not Tested	
Date: NT		*Date: NT*	
Analyst: NT	*Method: SOP 047*	*Analyst: NT*	*Method: SOP 043*
Moisture Content (%): Not Tested		**Water Activity (aw): No Test**	

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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Report Number: _231026
Report Date: 10/26/2023

Pesticide Analysis - (231017rdb_4) - Pass

Date: 12/30/1899	Batch: PE231017rdab			Prep Analyst: JT	Data Analyst: AE		SOP: 049
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	Metalaxyl	<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 jamolin 1.

[3] Spinosad is calculated as a sum of isomers Spinosad A and Spinosad D.

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Pesticide Analysis - Quality Controls
Blank (231017rdbc_MBX) and LCS (231017rdbc_LCS)- Pass

Date: 12/30/1899	Batch: PE231017rdab				Prep Analyst: JT	Data Analyst: AE			SOP: 049
Analyte	**Blank (ppm)**	**LCS % Recovery**	**Recovery Limits (%)**	**LOQ (ppm)**	**Analyte**	**Blank (ppm)**	**LCS % Recovery**	**Recovery Limits (%)**	**LOQ (ppm)**
Abamectin	<LOQ	78.1	50-150	0.25	Imazalil	<LOQ	71.95	60-120	0.1
Acephate	<LOQ	108.15	60-120	0.2	Imidacloprid	<LOQ	70.5	60-120	0.2
Acequinocyl	<LOQ	106.3	40-160	1.0	Kresoxim-methyl	<LOQ	71.5	60-120	0.2
Acetamiprid	<LOQ	70.35	60-120	0.1	MGK-264	<LOQ	105.65	50-150	0.1
Aldicarb	<LOQ	104.65	60-120	0.2	Malathion	<LOQ	107.7	60-120	0.1
Azoxystrobin	<LOQ	65.3	60-120	0.1	Metalaxyl	<LOQ	71.0	60-120	0.1
Bifenazate	<LOQ	72.5	60-120	0.1	Methiocarb	<LOQ	71.2	60-120	0.2
Bifenthrin	<LOQ	67.85	50-150	0.1	Methomyl	<LOQ	68.1	60-120	0.1
Boscalid	<LOQ	61.95	60-120	0.2	Methyl Parathion	<LOQ	79.0	50-150	0.1
Carbaryl	<LOQ	68.25	60-120	0.1	Myclobutanil	<LOQ	61.45	60-120	0.1
Carbofuran	<LOQ	61.15	60-120	0.1	Naled	<LOQ	62.0	50-150	0.25
Chlorantraniliprole	<LOQ	68.8	60-120	0.1	Oxamyl	<LOQ	73.25	60-120	0.5
Chlorfenapyr	<LOQ	65.45	60-120	0.1	Paclobutrazol	<LOQ	79.7	60-120	0.2
Chlorpyrifos	<LOQ	115.65	60-120	0.5	Permethrins[1]	<LOQ	70.8	50-150	0.1
Clofentezine	<LOQ	70.0	60-120	0.1	Phosmet	<LOQ	80.8	50-150	0.1
Cyfluthrin	<LOQ	65.95	50-150	0.5	Piperonyl butoxide	<LOQ	66.35	60-120	1.0
Cypermethrin	<LOQ	75.05	50-150	0.5	Prallethrin	<LOQ	81.6	60-120	0.1
Daminozide	<LOQ	92.4	60-120	0.5	Propiconazole	<LOQ	74.15	60-120	0.2
Diazinon	<LOQ	80.55	60-120	0.5	Propoxur	<LOQ	63.95	60-120	0.1
Dichlorvos	<LOQ	70.25	60-120	0.1	Pyrethrins[2]	<LOQ	65.667	60-120	0.5
Dimethoate	<LOQ	93.4	60-120	0.1	Pyridaben	<LOQ	59.85	50-150	0.1
Ethoprophos	<LOQ	86.4	60-120	0.1	Spinosad[3]	<LOQ	56.35	50-150	0.1
Etofenprox	<LOQ	117.2	50-150	0.2	Spiromesifen	<LOQ	100.2	60-120	0.1
Etoxazole	<LOQ	62.9	60-120	0.1	Spirotetramat	<LOQ	68.2	60-120	0.1
Fenoxycarb	<LOQ	63.25	60-120	0.1	Spiroxamine	<LOQ	68.3	60-120	0.2
Fenpyroximate	<LOQ	65.7	60-120	0.2	Tebuconazole	<LOQ	67.0	60-120	0.2
Fipronil	<LOQ	102.15	60-120	0.2	Thiacloprid	<LOQ	67.6	60-120	0.1
Flonicamid	<LOQ	62.1	60-120	0.5	Thiamethoxam	<LOQ	72.55	60-120	0.1
Fludioxonil	<LOQ	74.65	50-150	0.2	Trifloxystrobin	<LOQ	72.05	60-120	0.1
Hexythiazox	<LOQ	70.2	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 jamolin 1.

[3] Spinosad is calculated as a sum of isomers Spinosad A and Spinosad D.