



22-010580/D003.R000 **Report Number: Report Date:** 09/13/2022 **ORELAP#:** OR100028 **Purchase Order: Received:** 09/06/22 13:15

Customer:	IHC LLC
Product identity:	Live D8 - PB
Client/Metrc ID:	
Laboratory ID:	22-010580-0004

Summary

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
B-Myrcene	1.37	54.80%	p-Cymene	0.312	12.48%
(R)-(+)-Limonene	0.208	8.32%	a-pinene	0.138	5.52%
farnesene	0.116	4.64%	ß-Caryophyllene	0.0847	3.39%
Terpinolene	0.0723	2.89%	(-)-B-Pinene	0.0633	2.53%
trans-B-Ocimene	0.0500	2.00%	Humulene	0.0451	1.80%
a-Bisabolol	0.0404	1.62%	Total Terpenes	2.50	100.00%

Page 1 of 9 <u>www.columbialaboratories.com</u> Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made. Testere are securities Testere Testing in accordance with:





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ORELAP#:	OR100028
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Received:	09/06/22 13:15



THE HEMP COLLECT

United States of America (USA) **Product identity:** Client/Metrc ID: Sample Date: Laboratory ID: Evidence of Cooling: Temp: Relinquished by:

Customer:

Live D8 - PB . 22-010580-0004 No 7.4 °C Giuffrida

IHC LLC

825 NW 16th Ave Portland Oregon 97209

Sample Results

www.columbialaboratories.com

Page 2 of 9

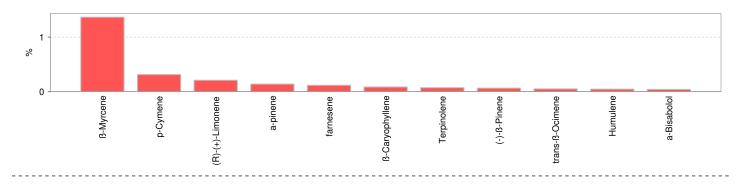
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made. Testing in accordance with:





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Received:	09/06/22 13:15

Terpenes	Method:	J AOAC	2015 V98-6		Units % Batch 2	207586	Analyz	ze 09/08/22	03:24 AM
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
ß-Myrcene	1.37	0.018	54.80%		p-Cymene	0.312	0.018	12.480%	
(R)-(+)-Limonene	0.208	0.018	8.320%		a-pinene	0.138	0.018	5.520%	
farnesene	0.116	0.018	4.640%		B-Caryophyllene	0.0847	0.018	3.3880%	
Terpinolene	0.0723	0.018	2.8920%		(-)-B-Pinene	0.0633	0.018	2.5320%	
trans-B-Ocimene	0.0500	0.012	2.0000%		Humulene	0.0451	0.018	1.8040%	
a-Bisabolol	0.0404	0.018	1.6160%		Linalool	< LOQ	0.018	0.00%	
Geraniol	< LOQ	0.018	0.00%		(-)-Guaiol	< LOQ	0.018	0.00%	
a-phellandrene	< LOQ	0.018	0.00%		nerol	< LOQ	0.018	0.00%	
valencene	< LOQ	0.018	0.00%		(-)-Isopulegol	< LOQ	0.018	0.00%	
(±)-Camphor	< LOQ	0.018	0.00%		(-)-caryophyllene oxide	< LOQ	0.018	0.00%	
Geranyl acetate	< LOQ	0.018	0.00%		(+)-fenchol	< LOQ	0.018	0.00%	
(-)-a-Terpineol	< LOQ	0.018	0.00%		Camphene	< LOQ	0.018	0.00%	
d-3-Carene	< LOQ	0.018	0.00%		(±)-trans-Nerolidol	< LOQ	0.018	0.00%	
a-Terpinene	< LOQ	0.018	0.00%		(+)-Pulegone	< LOQ	0.018	0.00%	
Menthol	< LOQ	0.018	0.00%		Sabinene hydrate	< LOQ	0.018	0.00%	
gamma-Terpinene	< LOQ	0.018	0.00%		(±)-cis-Nerolidol	< LOQ	0.018	0.00%	
a-cedrene	< LOQ	0.018	0.00%		(+)-Cedrol	< LOQ	0.018	0.00%	
soborneol	< LOQ	0.018	0.00%		(+)-Borneol	< LOQ	0.018	0.00%	
±)-fenchone	< LOQ	0.018	0.00%		cis-B-Ocimene	< LOQ	0.006	0.00%	
Eucalyptol	< LOQ	0.018	0.00%		Sabinene	< LOQ	0.018	0.00%	
Fotal Terpenes	2.50								



Page 3 of 9 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
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 09/13/2022

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 OR100028

 Purchase Order:
 8

 Received:
 09/06/22 13:15

These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Units of Measure

% = Percentage of sample % wt = μ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager

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ORELAP#:	OR100028
Purchase Order:	
Received:	09/06/22 13:15

C	Columbia
9	LABORATORIES

Hemp / Cannabis Usable / Extract / Finished Products Chain of Custody Record

Revision: 4.00 Control9: CF0.23 Rev 62/24/2021 Eff: 03/04/2021 ORELAPID: 0820008

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Company I he Hemp Collect Contact: kyle Bithehempcollect.com Sinet: 431 NW Flanders st. Cay Portland State OF 7p: 97209 I trail Results: dropbox (IHC) Ph (b1), bUB164 [] Fx Results () milling if different.joel%#thehempcollect.com		UF 20: 97209 2) { 1				esidual Solvents	contarts & Winter Activity		drow Yeast and Mold	Acres # CoA and Tetal Coldonn	auts.	10		Projec Pro Custom 1 Report to	in thumbers		
ah D	Client Semple Identification	Date	Title	Perticides - 08.59 compounds	Petiticide Multi-Notabue	Patiency	Test dual	Maintary	Termenes	Micros Ve	Minu: El	Steary Medals	Mycrosom	1000	Semple Type 1	Worght (Units)	Commente/Metric ID
	Live D8 - FV								X						C		Alternate Client name: ATLb
	Live D8 - Llama								×	1.1			-		C		
	Live D8 - OG								x						C		
1	Live D8 - PB								х						C		
3	D8 · SSC_HT					-			x						C		1
	D8 - FF_BT		-			-			x		-		_	-	C		-
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1/1/22 12:40				AB \$4/2= 13					13	EF.							

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Abd23 WE Window May Particed, Off 97230

A (303) 254 2794 / Nex (503) 254 5452 Kneffestartkalstalortalica.com

Page 5 of 9 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
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ORELAP#:	OR100028
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Received:	09/06/22 13:15

Revision: 1 Document ID: 7086 Legacy ID: CFL-E57Worksheet Validated 11/04/2020

		Ter	penes	Quali	ty Contro	ol Result	s						
Method Reference: El	PA 5035				Batch ID: 2207586								
Method Blank				Laboratory Control Sample									
Analyte	Result	LO	Q	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes			
a-pinene	<loq< td=""><td><</td><td>200</td><td></td><td>500</td><td>500</td><td>µg/g</td><td>100%</td><td>70 - 130</td><td></td></loq<>	<	200		500	500	µg/g	100%	70 - 130				
Camphene	<loq< td=""><td><</td><td>200</td><td></td><td>506</td><td>500</td><td>µg/g</td><td>101%</td><td>70 - 130</td><td></td></loq<>	<	200		506	500	µg/g	101%	70 - 130				
Sabinene	<loq< td=""><td><</td><td>200</td><td></td><td>502</td><td>500</td><td>μg/g</td><td>100%</td><td>70 - 130</td><td></td></loq<>	<	200		502	500	μg/g	100%	70 - 130				
b-Pinene	<loq< td=""><td><</td><td>200</td><td></td><td>508</td><td>500</td><td>µg/g</td><td>102%</td><td>70 - 130</td><td></td></loq<>	<	200		508	500	µg/g	102%	70 - 130				
b-Myrcene	<loq< td=""><td><</td><td>200</td><td></td><td>524</td><td>500</td><td>μg/g</td><td>105%</td><td>70 - 130</td><td></td></loq<>	<	200		524	500	μg/g	105%	70 - 130				
a-phelllandrene	<loq< td=""><td><</td><td>200</td><td></td><td>544</td><td>500</td><td>µg/g</td><td>109%</td><td>70 - 130</td><td></td></loq<>	<	200		544	500	µg/g	109%	70 - 130				
d-3-Carene	<loq< td=""><td><</td><td>200</td><td></td><td>535</td><td>500</td><td>μg/g</td><td>107%</td><td>70 - 130</td><td></td></loq<>	<	200		535	500	μg/g	107%	70 - 130				
a-Terpinene	<loq< td=""><td><</td><td>200</td><td></td><td>502</td><td>500</td><td>μg/g</td><td>100%</td><td>70 - 130</td><td></td></loq<>	<	200		502	500	μg/g	100%	70 - 130				
p-Cymene	<loq< td=""><td><</td><td>200</td><td></td><td>540</td><td>500</td><td>µg/g</td><td>108%</td><td>70 - 130</td><td></td></loq<>	<	200		540	500	µg/g	108%	70 - 130				
D-Limonene	<loq< td=""><td><</td><td>200</td><td></td><td>498</td><td>500</td><td>µg/g</td><td>100%</td><td>70 - 130</td><td></td></loq<>	<	200		498	500	µg/g	100%	70 - 130				
Eucalyptol	<loq< td=""><td><</td><td>200</td><td></td><td>505</td><td>500</td><td>µg/g</td><td>101%</td><td>70 - 130</td><td></td></loq<>	<	200		505	500	µg/g	101%	70 - 130				
b-cis-Ocimene	<loq< td=""><td><</td><td>67</td><td></td><td>173</td><td>167</td><td>µg/g</td><td>104%</td><td>70 - 130</td><td></td></loq<>	<	67		173	167	µg/g	104%	70 - 130				
b-trans-Ocimene	<loq< td=""><td><</td><td>133</td><td></td><td>364</td><td>333</td><td>μg/g</td><td>109%</td><td>70 - 130</td><td></td></loq<>	<	133		364	333	μg/g	109%	70 - 130				
g-Terpinene	<loq< td=""><td><</td><td>200</td><td></td><td>503</td><td>500</td><td>μg/g</td><td>101%</td><td>70 - 130</td><td></td></loq<>	<	200		503	500	μg/g	101%	70 - 130				
Sabinene_Hydrate	<loq< td=""><td><</td><td>200</td><td></td><td>502</td><td>500</td><td>μg/g</td><td>100%</td><td>70 - 130</td><td></td></loq<>	<	200		502	500	μg/g	100%	70 - 130				
Terpinolene	<loq< td=""><td><</td><td>200</td><td></td><td>515</td><td>500</td><td>μg/g</td><td>103%</td><td>70 - 130</td><td></td></loq<>	<	200		515	500	μg/g	103%	70 - 130				
D-Fenchone	<loq< td=""><td><</td><td>200</td><td></td><td>476</td><td>500</td><td>μg/g</td><td>95%</td><td>70 - 130</td><td></td></loq<>	<	200		476	500	μg/g	95%	70 - 130				
Linalool	<loq< td=""><td><</td><td>200</td><td></td><td>620</td><td>500</td><td>μg/g</td><td>124%</td><td>70 - 130</td><td></td></loq<>	<	200		620	500	μg/g	124%	70 - 130				
Fenchol	<loq< td=""><td><</td><td>200</td><td></td><td>526</td><td>500</td><td>µg/g</td><td>105%</td><td>70 - 130</td><td></td></loq<>	<	200		526	500	µg/g	105%	70 - 130				
Camphor	<loq< td=""><td><</td><td>200</td><td></td><td>516</td><td>500</td><td>μg/g</td><td>103%</td><td>70 - 130</td><td></td></loq<>	<	200		516	500	μg/g	103%	70 - 130				
Isopulego	<loq< td=""><td><</td><td>200</td><td></td><td>559</td><td>500</td><td>μg/g</td><td>112%</td><td>70 - 130</td><td></td></loq<>	<	200		559	500	μg/g	112%	70 - 130				
Isoborneol	<loq< td=""><td><</td><td>200</td><td></td><td>535</td><td>500</td><td>µg/g</td><td>107%</td><td>70 - 130</td><td></td></loq<>	<	200		535	500	µg/g	107%	70 - 130				
Borneol	<loq< td=""><td><</td><td>200</td><td></td><td>523</td><td>500</td><td>μg/g</td><td>105%</td><td>70 - 130</td><td></td></loq<>	<	200		523	500	μg/g	105%	70 - 130				
DL-Menthol	<loq< td=""><td><</td><td>200</td><td></td><td>515</td><td>500</td><td>μg/g</td><td>103%</td><td>70 - 130</td><td></td></loq<>	<	200		515	500	μg/g	103%	70 - 130				
Terpineol	<loq< td=""><td><</td><td>200</td><td></td><td>528</td><td>500</td><td>μg/g</td><td>106%</td><td>70 - 130</td><td></td></loq<>	<	200		528	500	μg/g	106%	70 - 130				
Nerol	<loq< td=""><td><</td><td>200</td><td></td><td>544</td><td>500</td><td>μg/g</td><td>109%</td><td>70 - 130</td><td></td></loq<>	<	200		544	500	μg/g	109%	70 - 130				
Pulegone	<loq< td=""><td><</td><td>200</td><td></td><td>550</td><td>500</td><td>μg/g</td><td>110%</td><td>70 - 130</td><td></td></loq<>	<	200		550	500	μg/g	110%	70 - 130				
Gereniol	<loq< td=""><td><</td><td>200</td><td></td><td>565</td><td>500</td><td>μg/g</td><td>113%</td><td>70 - 130</td><td></td></loq<>	<	200		565	500	μg/g	113%	70 - 130				
Geranyl_Acetate	<loq< td=""><td><</td><td>200</td><td></td><td>535</td><td>500</td><td>μg/g</td><td>107%</td><td>70 - 130</td><td></td></loq<>	<	200		535	500	μg/g	107%	70 - 130				
a-Cedrene	<loq< td=""><td><</td><td>200</td><td></td><td>499</td><td>500</td><td>μg/g</td><td>100%</td><td>70 - 130</td><td></td></loq<>	<	200		499	500	μg/g	100%	70 - 130				
b-Caryophyllene	<loq< td=""><td><</td><td>200</td><td></td><td>529</td><td>500</td><td>μg/g</td><td>106%</td><td>70 - 130</td><td></td></loq<>	<	200		529	500	μg/g	106%	70 - 130				
a-Humulene	<loq< td=""><td><</td><td>200</td><td></td><td>558</td><td>500</td><td>µg/g</td><td>112%</td><td>70 - 130</td><td></td></loq<>	<	200		558	500	µg/g	112%	70 - 130				
Valenene	<loq< td=""><td><</td><td>200</td><td></td><td>516</td><td>500</td><td>µg/g</td><td>103%</td><td>70 - 130</td><td></td></loq<>	<	200		516	500	µg/g	103%	70 - 130				
cis-Nerolidol	<loq< td=""><td><</td><td>200</td><td></td><td>572</td><td>500</td><td>μg/g</td><td>114%</td><td>70 - 130</td><td></td></loq<>	<	200		572	500	μg/g	114%	70 - 130				
a-Farnesene	<loq< td=""><td><</td><td>200</td><td></td><td>542</td><td>500</td><td>µg/g</td><td>108%</td><td>70 - 130</td><td></td></loq<>	<	200		542	500	µg/g	108%	70 - 130				
trans-Nerolidol	<loq< td=""><td><</td><td>200</td><td></td><td>526</td><td>500</td><td>μg/g</td><td>105%</td><td>70 - 130</td><td></td></loq<>	<	200		526	500	μg/g	105%	70 - 130				
Caryophyllene_Oxide	<loq< td=""><td><</td><td>200</td><td></td><td>524</td><td>500</td><td>μg/g</td><td>105%</td><td>70 - 130</td><td></td></loq<>	<	200		524	500	μg/g	105%	70 - 130				
Guaiol	<loq< td=""><td><</td><td>200</td><td></td><td>546</td><td>500</td><td>μg/g</td><td>109%</td><td>70 - 130</td><td></td></loq<>	<	200		546	500	μg/g	109%	70 - 130				
Cedrol	<loq< td=""><td><</td><td>200</td><td></td><td>561</td><td>500</td><td>μg/g</td><td>112%</td><td>70 - 130</td><td></td></loq<>	<	200		561	500	μg/g	112%	70 - 130				
a-Bisabolol	<loq< td=""><td><</td><td>200</td><td></td><td>631</td><td>500</td><td>μg/g</td><td>126%</td><td>70 - 130</td><td></td></loq<>	<	200		631	500	μg/g	126%	70 - 130				

Definitions

LOQ Limit of Quantitation LCS Laboratory Control Sample

% REC

Percent Recovery

Page 6 of 9 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
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Received:	09/06/22 13:15

Revision: 1 Document ID: 7086 Legacy ID: CFL-E57Worksheet Validated 11/04/2020

	Ter	penes Quality Cont	rol Result	s			
Method Reference: El	PA 5035				Batch	n ID: 220758	6
Sample/Sample Dupli	cate		Sai	nple ID:	22-010450-0	001	
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	37700	37700	197	µg/g	0%	< 20	
Camphene	1590	1590	197	μg/g	0%	< 20	
Sabinene	1500	1510	197	μg/g	1%	< 20	
b-Pinene	19400	19300	197	μg/g	1%	< 20	
b-Myrcene	122000	122000	197	μg/g	0%	< 20	
a-phelllandrene	<loq< td=""><td><loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	μg/g	0%	< 20	
d-3-Carene	208	213	197	μg/g	2%	< 20	
a-Terpinene	1530	1530	197	µg/g	0%	< 20	
p-Cymene	676	667	197	µg/g	1%	< 20	
D-Limonene	61600	61400	197	μg/g	0%	< 20	
Eucalyptol	4460	4450	197	μg/g	0%	< 20	
b-cis-Ocimene	<loq< td=""><td><loq< td=""><td>65.7</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>65.7</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	65.7	µg/g	0%	< 20	
b-trans-Ocimene	<loq< td=""><td><loq< td=""><td>131</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>131</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	131	μg/g	0%	< 20	
g-Terpinene	1060	1070	197	μg/g	1%	< 20	
Sabinene Hydrate	<loq< td=""><td><loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	µg/g	0%	< 20	
Terpinolene	9850	9820	197	µg/g	0%	< 20	
D-Fenchone	<loq< td=""><td><loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	µg/g	0%	< 20	
Linalool	67900	67900	197	μg/g	0%	< 20	
Fenchol	26100	26100	197	µg/g	0%	< 20	
Camphor	474	470	197	µg/g	1%	< 20	
Isopulego	<loq< td=""><td><loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	μg/g	0%	< 20	
Isoborneol	<loq< td=""><td><loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	µg/g	0%	< 20	
Borneol	7520	7510	197	µg/g	0%	< 20	
DL-Menthol	<loq< td=""><td><loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	µg/g	0%	< 20	
Terpineol	19700	19700	197	μg/g	0%	< 20	
Nerol	<loq< td=""><td><loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	μg/g	0%	< 20	
Pulegone	<loq< td=""><td><loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	μg/g	0%	< 20	
Gereniol	892	878	197	μg/g	2%	< 20	
Geranyl Acetate	<loq< td=""><td><loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	µg/g	0%	< 20	
a-Cedrene	<loq< td=""><td><loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	μg/g	0%	< 20	
b-Caryophyllene	244000	243000	197	μg/g	0%	< 20	
a-Humulene	238000	237000	197	μg/g	0%	< 20	
Valenene	20300	20200	197	µg/g	0%	< 20	
cis-Nerolidol	<loq< td=""><td><loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	µg/g	0%	< 20	
a-Farnesene	<loq< td=""><td><loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>µg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	µg/g	0%	< 20	
trans-Nerolidol	38000	38000	197	µg/g	0%	< 20	
Caryophyllene_Oxide	30100	30100	197	μg/g	0%	< 20	
Guaiol	<loq< td=""><td><loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<></td></loq<>	<loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td></td></loq<>	197	μg/g	0%	< 20	
Cedrol	<loq< td=""><td><loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td>1</td></loq<></td></loq<>	<loq< td=""><td>197</td><td>μg/g</td><td>0%</td><td>< 20</td><td>1</td></loq<>	197	μg/g	0%	< 20	1
a-Bisabolol	27300	27200	197	µg/g	0%	< 20	l

Definitions RPD

Relative Percent Difference

Page 7 of 9 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Testing in accordance with:





Report Number:	22-010580/D003.R000
Report Date:	09/13/2022
ORELAP#:	OR100028
Purchase Order:	
Received:	09/06/22 13:15



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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
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prior arrangements have been made.
Testing in accordance with:





22-010580/D003.R000 **Report Number: Report Date:** 09/13/2022 **ORELAP#:** OR100028 **Purchase Order:** 09/06/22 13:15 Received:

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
В	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.

Page 9 of 9 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
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prior arrangements have been made.
Testing in accordance with:





Report Number:	23-000690/D002.R000					
Report Date:	01/24/2023					
ORELAP#:	OR100028					
Purchase Order:						
Received:	01/17/23 14:16					

Customer:	IHC LLC
Product identity:	01LIR209_PB
Client/Metrc ID:	
Laboratory ID:	23-000690-0024

Summary	
---------	--

Analyte	Result (%)		
CBD-A	64.4	• CBD-A CBD-Total	57.3%
CBC-A	2.64	• CBC-A	
THC-A	2.44	• THC-A THC-Total	2.40%
CBG-A	2.09		
CBD	0.792	CBD CBDV-A (Reported in	percent of total sample)
CBDV-A	0.784	 Δ9-THC 	
∆9-THC	0.255	• CBG	
CBG	0.166	• CBC	
CBC	0.0885		

Analyte	Result (µg/g)	Limits (µg/g)	Status	
ane	636			
Butanes (sum)	636	5000	pass	

Pesticides:

Analyte	Result (mg/kg)	Limits (mg/kg)	Status
Multi-Residue Pesticide Profile	< LOQ for all analytes		

I

Metals:

Less than LOQ for all analytes.

I -

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Page 1 of 16 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made. Testing in accordance with: OAR 333-007-0430



IHC LLC

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No

20 °C

ramos

825 NW 16th Ave Portland Oregon 97209

01LIR209_PB

23-000690-0024

United States of America (USA)

Customer:

Product identity:

Client/Metrc ID:

Sample Date:

Laboratory ID:

Temp:

Evidence of Cooling:

Relinquished by:

12423 NE Whitaker Way Portland, OR 97230 503-254-1794



Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16



Sample Results

Potency	Method: J AOAC 201	5 V98-6 (mod) ^p	Units %	Batch: 2300680	Analyze: 1/21/23	4:51:00 AM
Analyte	As Dry		otes			
	Received weig					CBD-A
CBC	0.0885	0.0746				CBC-A
CBC-A	2.64	0.0746				THC-A
CBC-Total	2.40	0.140				CBG-A
CBD	0.792	0.0746				CBD
CBD-A	64.4	0.746				CBDV-A
CBD-Total	57.3	0.729				Δ9-THC
CBDV	< LOQ	0.0746				CBGCBC
CBDV-A	0.784	0.0746				
CBDV-Total	0.680	0.139				
CBE	< LOQ	0.0746				
CBG	0.166	0.0746				
CBG-A	2.09	0.0746				
CBG-Total	2.00	0.139				
CBL	< LOQ	0.0746				
CBL-A	< LOQ	0.0746				
CBL-Total	< LOQ	0.140				
CBN	< LOQ	0.0746				
CBT	< LOQ	0.0746				
Δ10-THC-9R	< LOQ	0.0746				
∆8-THC	< LOQ	0.0746				
∆8-THCV	< LOQ	0.0746				
∆9-THC	0.255	0.0746				
exo-THC	< LOQ	0.0746				
THC-A	2.44	0.0746				
THC-Total	2.40	0.140				
THCV	< LOQ	0.0746				
THCV-A	< LOQ	0.0746				
THCV-Total	< LOQ	0.139				
Total Cannabinoids	73.7					

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Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

Solvents	Method:	Residua	I Solve	ents by	GC/MS ^p	Units µg/g Batch 23	300691	Analyz	e 01/2	23/23 (03:03 PM
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	636	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	636		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

Method: AOAC 2007.01 & EN 15662 (mod)^b Units mg/kg Batch 2300713 Analyze 01/24/23 10:07 AM Pesticides Analyte Result Limits Status Notes

Multi-Residue Pesticide Profile

< LOQ for all analytes

Metals							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
Arsenic	< LOQ	0.200	mg/kg	0.0958	2300594	01/18/23 AOAC 2013.06 (mod.) ^b	pass
Cadmium	< LOQ	0.200	mg/kg	0.0958	2300594	01/18/23 AOAC 2013.06 (mod.) ^b	pass
Lead	< LOQ	0.500	mg/kg	0.0958	2300594	01/18/23 AOAC 2013.06 (mod.) ^b	pass
Mercury	< LOQ	0.100	mg/kg	0.0479	2300594	01/18/23 AOAC 2013.06 (mod.) ^b	pass

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 Report Number:
 23-000690/D002.R000

 Report Date:
 01/24/2023

 ORELAP#:
 OR100028

 Purchase Order:
 01/17/23 14:16

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

^b = ISO/IEC 17025:2017 accredited method.

Units of Measure

μg/g = Microgram per gram mg/kg = Milligram per kilogram = parts per million (ppm) % = Percentage of sample % wt = μg/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager

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Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

6	Columbia
6	ADDRATORIES

P2320 Multi-Residue Pesticide Profile Cannabis

Analyte	LOQ (mg/kg)
2,4-D	0.1
Abamectin	0.1
Acephate	0.2
Acequinocyl	0.2
Acetamiprid	0.1
Acetochlor	0.2
Acrinathrin	0.1
Alachlor	0.1
Aldicarb	0.1
Aldoxycarb	0.1
Aldrin	0.1
Ametoctradin	0.1
Ametryn	0.1
Anilazine	0.1
Aspon	0.1
Asulam	0.1
Atrazine	0.1
Atrazine-desethyl	0.1
Azinphos-ethyl	0.1
Azinphos-methyl	0.1
Azoxystrobin	0.1
Benalaxyl	0.1
Bendiocarb	0.1
Benoxacor	0.1
Bensulide	0.1
Bentazon	0.1
Bifenazate	0.1
Bifenox	0.1
Bifenthrin	0.1
Binapacryl	0.1
Boscalid	0.1
Bromacil	0.1
Bromophos-ethyl	0.1
Bromopropylate	0.1
Bromoxynil	0.1
Bupirimate	0.1
Buprofezin	0.1
Butachlor	0.1
Butylate	0.1
Cadusafos	0.1
Captan	0.2
Carbaryl	0.1
Carbendazim	0.1
Carbofuran	0.1
Carbofuran 3-hydroxy	0.1
Carbophenothion Carbophenothion-methyl	0.1
Carboxin	0.1
L	

Analyte	LOQ (mg/kg)
Chlorantraniliprol	0.1
Chlordane, cis-	0.1
Chlordane, trans-	0.1
Chlorfenapyr	0.1
Chlorfenvinphos	0.1
Chlorobenzilate	0.1
Chlorpyrifos-ethyl	0.1
Chlorpyrifos-methyl	0.1
Chlorthal-dimethyl (Dacthal)	0.1
Clethodim	0.1
Clethodim sulfone	0.1
Clethodim sulfoxide	0.1
Clofentezine	0.1
Clomazone	0.1
Clopyralid	0.1
Clothianidin	0.1
Coumaphos	0.1
Crotoxyphos	0.1
Cyanofenphos	0.1
Cyanophos	0.1
Cyantraniliprole	0.1
Cyazofamid	0.1
Cyfluthrin	0.1
	0.1
Cyhalothrin, lambda	
Cymoxanil	0.1
Cypermethrin	0.1
Cyprodinil	
DDD, o,p'-	0.1
DDD, p,p'-	0.1
DDE, o,p'-	0.1
DDE, p,p'-	0.1
DDT, o,p'-	0.1
DDT, p,p'- DEET	0.1
	0.1
Deltamethrin	0.1
Demeton-S	0.1
Demeton-s-methyl	0.1
Demeton-S-methyl-sulfone	0.1
Desmedipham	0.1
Diazinon	0.1
Dicamba	0.1
Dichlofenthion	0.1
Dichlofluanid	0.1
Dichlorbenzamid	0.1
Dichlorvos	0.1
Diclofop Diclofop-methyl	0.1
Dicrotophos	0.1

Analyte	LOQ (mg/kg)
Dieldrin	0.1
Diethofencarb	0.1
Difenoconazol	0.1
Diflubenzuron	0.1
Diflufenzopyr	0.1
Dimethenamid	0.1
Dimethoat	0.1
Dimethomorph	0.1
Dinoseb	0.1
Dinotefuran	0.1
Dioxathion	0.1
Diphenamid	0.1
Diphenylamine (DPA)	0.1
Disulfoton	0.1
Disulfoton-sulfone	0.1
Disulfoton-Sulfoxide	0.1
Diuron	0.1
DNOC	0.1
Edifenphos	0.1
Endosulfan (alpha isomer)	0.1
Endosulfan (beta isomer)	0.1
Endosulfan-sulfate	0.1
Endrin	0.1
EPN	0.1
EPTC	0.1
Esfenvalerate/Fenvalerate	0.1
Ethiofencarb	0.1
Ethion	0.1
Ethofumesate	0.1
Ethoprophos	0.1
	0.1
Etofenprox Etoxazole	0.1
Etrimfos	
Famoxadone	0.1
	0.1
Famphur	
Fenamiphos	0.1
Fenamiphos-Sulfone	0.1
Fenamiphos-Sulfoxide	0.1
Fenazaquin	0.1
Fenbuconazole	0.1
Fenhexamid	0.1
Fenobucarb	0.1
Fenoxycarb	0.1
Fenpropathrin	0.1
Fensulfothion	0.1
Fenthion Fenuron	0.1
Fipronil	0.1

LOQ= Limit of Quantitation mg/kg= milligram per kilogram (ppm)

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Updated: 09.12.2022

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Tester except on the tester of the samples are been made.





Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

6	Columbia
	LADORATORIES

P2320 Multi-Residue Pesticide Profile Cannabis

Analyte	LOQ (mg/kg)
Flonicamid	0.1
Fluazifop	0.1
Fluazinam	0.1
Flucythrinate	0.1
Fludioxonil	0.1
Flufenacet	0.1
Flumioxazin	0.1
Fluopicolide	0.1
Fluopyram	0.1
Fluoxastrobin	0.1
Flupyradifurone	0.1
Fluridone	0.1
Fluroxypyr	0.1
Fluthiacet-methyl	0.1
Flutolanil	0.1
Flutriafol	0.1
Fluvalinate	0.1
Fluxapyroxad	0.1
Fomesafen	0.1
Formetanate	0.1
Furathiocarb	0.1
Haloxyfop	0.1
Heptachlor	0.1
Heptachlor epoxide	0.1
Hexaconazole	0.1
Hexazinone	0.1
Hexythiazox	0.1
Hydropene	0.1
Imazalil	0.1
Imazethapyr	0.1
Imidacloprid	0.1
Indaziflam	0.1
Indoxacarb	0.1
Iprobenfos	0.1
Iprodion	0.1
Isobenzan	0.1
Isofenphos	0.1
Isofenphos-methyl	0.1
Isofenphos-oxon	0.1
Isoprocarb	0.1
Isoprothiolane	0.1
Isoproturon	0.1
Isoxaben	0.1
Kresoxim-methyl	0.1
Lindane	0.1
Linuron	0.1
Malaoxon	0.1
Malathion	0.1

Analyte	LOQ (mg/kg)
Mandipropamid	0.1
MCPA	0.1
MCPB	0.1
MCPP	0.1
Mecabarm	0.1
Mepanipyrim	0.1
Mesotrione	0.1
Metalaxyl	0.1
Methamidophos	0.1
Methiocarb	0.1
Methiocarb sulfone	0.1
Methiocarb sulfoxide	0.1
Methomyl	0.1
Methoxyfenozide	0.1
Metolachlor	0.1
Metolcarb	0.1
Metrafenone	0.1
Mevinphos	0.1
MGK 264	0.1
Molinat	0.1
Monocrotophos	0.1
Monolinuron	0.1
Myclobutanil	0.1
Naled	0.1
Napropamide	0.1
Neburon	0.1
Norflurazon	0.1
Novaluron	0.1
Omethoat	0.1
Oryzalin	0.1
Oxadiazon	0.1
Oxadixyl	0.1
Oxamyl	0.1
Oxamyl-oxime	0.1
Oxychlordane	0.1
Oxydemeton-Methyl	0.1
	0.1
Oxyfluorfen Paclobutrazol	0.1
Paciobulrazoi Paraoxon-ethyl	0.1
•	0.1
Paraoxon-methyl	0.1
Parathion-methyl	
Penconazole	0.1
Pendimethalin	0.1
Penflufen	0.1
Penthiopyrad Permethrin	0.1
Perthane	0.1
Phenmedipham	0.1

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Analyte	LOQ (mg/kg)
Phenothrin	0.1
Phenthoate	0.1
Phorate	0.1
Phorate-Sulfone	0.1
Phorate-Sulfoxide	0.1
Phosalone	0.1
Phosmet	0.1
Phosphamidon	0.1
Phoxim	0.1
Pinoxaden	0.1
Piperonyl Butoxide	0.1
Pirimicarb	0.1
Pirimiphos-ethyl	0.1
Pirimiphos-methyl	0.1
Prallethrin	0.1
Prochloraz	0.1
Procymidone	0.1
Profenofos	0.1
Promecarb	0.1
Prometon	0.1
Prometryn	0.1
Propachlor	0.1
Propamocarb	0.1
Propanil	0.1
Propazine	0.1
Propetamophos	0.1
Propham	0.1
Propiconazole	0.1
Propoxur	0.1
Propyzamide	0.1
Prothiofos	0.1
Pyraclostrobin	0.1
Pyraflufen Ethyl	0.1
Pyrazophos	0.1
Pyrethrin	0.1
Pyridaben	0.1
Pyrimethanil	0.1
Pyriproxifen	0.1
Pyroxasulfone	0.1
Pyroxsulam	0.1
Quinalphos	0.1
Quinclorac	0.1
Quinoxyfen	0.1
Quintozene(PCNB)	0.2
Quizalofop	0.1
Resmethrin	0.1
Rotenone	0.1
Saflufenacil	0.1

Updated: 09.12.2022

LOQ= Limit of Quantitation mg/kg= milligram per kilogram (ppm)

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Page 6 of 16
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unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Tester except on the tester of the samples are consented of this laboratory.





Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

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1	🚯 A Yostami is tawaawy

P2320 Multi-Residue Pesticide Profile Cannabis

Analyte	LOQ
-	(mg/kg)
Sebuthylazin	0.1
Sethoxydim	0.1
Simazine	0.1
Simetryn	0.1
Spinetoram J/L	0.1
Spinosyn A/D	0.1
Spirodiclofen	0.1
Spiromesifen	0.1
Spirotetramat	0.1
Spiroxamine	0.1
Sulfentrazone	0.1
Sulfotep	0.1
Sulfoxaflor	0.1
Sulprofos	0.1
Tebuconazole	0.1
Tebufenozide	0.1
Terbufos	0.1
Terbuthylazine	0.1
Terbutryn	0.1
Tetrachlorvinphos	0.1
Tetraconazole	0.1
Tetramethrin	0.1
Thiabendazol	0.1
Thiabendazol-5-hydroxy	0.1
Thiacloprid	0.1
Thiamethoxam	0.1
Thiobencarb	0.1
Thiodicarb	0.1
Thiometon	0.1
Thiophanate-methyl	0.2
Tolfenpyrad	0.1
Tolylfluanid	0.1
Triadimefon	0.1
Triadimenol	0.1
Triazophos	0.1
Trifloxystrobin	0.1
Triflumizole	0.1
Triticonazole	0.1
Zoxamid	0.1

LOQ= Lmit of Quantitation mg/kg= milligram per kilogram (ppm)

Updated: 09.12.2022

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 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410
 OAR 333-007-0430





Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

olumbia ABORATORIES s A Hermonia Company

Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Revision: 4.00 Controlit: OF025 Rev 00/24/2021 Eff: 03/04/2021 ORELAPID: OR00028

						. 1	inalys	n Heig	uerie	el					0 Number:							
Company: The Hemp Collect Contact: Kyle Withehempcollect Street: 431 NW Handers st. Gry: Portland Issue UF a Street: 431 NW Handers st. Gry: Portland Issue I		UF 30 97209 U) U)		Hect.com DF a⊨ 97209 C)		Hect.com JF ₃₍₂ 97209 J) (]		ellect.com st. , UF 3p 97209 HC) hs (1		Hote Multi-Residue - 375 compounds		sidual Solveres	SETTITE & VARGET REEMAN		ICHOR VOID AND MAN	6.00% and Total Dolforts	stats	E		Projec Pro Custom I Report to	x Number: ext Nerre: reporting: o State - [] M o	ETRC or Other: Eucloses Day Standard Turnanound Eucloses Day Rish Turnanound* Sesimos Day Rish Turnanound* Clock for molifibility
Lab D Client Szeple Identification	Care	Time	Peticides	Pesticide	Patency	- A-	Melitaria	Tupperet	Micros Ye	Micros C.	Heavy Netals	Mysulaers	Ditter	Sample Type 1	Weight (Units)	Comments/Write ID						
1 01LIR209_LB 2 01LIR209_KC				X	X	X	_				X		-	C C								
				×	X	X	-		_	_	x		_	c	-							
3 01LIR209_FV				x	x	X		_			×			ST 8								
4 01LIR209_WW	_	1		x	x	x			-		×			C								
5 01LIR209_SB				×.	x	×					×			C								
6 01LIR209_BO		1		x	x	x					х	-		C	1 1							
7 01LIR209_LT				×	х	х					×			С								
8 01LIR209_RC				x	x	x			-		x			C								
9 01LIR209_PJ		-		x	x	x	-		-	-	х			C								
10 01LIR209_CJ	-	-		x	x	x					x			C	1							
Relinguished by:	Date	Tirse	3	12	20	-	Be		-	p	100	TP	na.			Lab Use Only:						
Kyle Farook	1/17	11:00 4		2		12	_			1.17	1.15	11	0			or D Cleat data Not D Ro - Temp (PC: 2 + 3						
132	1.17	1337			122	35				\$17	123	191	16	Samule in good condition: [] Yes [] Na D Cash [] Check [] CC [] Net: Freiog storage:								

+ - Sample Type Codes: Vegetation (V) ; isolates (S) ; Estimati/Concentrate (C); Techare/Topical (T); Edible (E); Beverage (B)

whe was a sum down with the corrections of service associated with the COC. By April ("Adiopothed by" you are opticing to down service orgity interactive Calantics Automatics with timing requirements carations saving A: (NOR) 254-2794 7 Hox: (NOR) 252-3452

12422 W Whiteler Way Authority OM 87280

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Page of

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Page 8 of 16

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.





Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

olumbia ROPATORIES A Torologies Children of

Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 05/04/2021 CRELAPID: OR100028

	1.5.5					. 4	inailys	is Reg	ueste	d –					0 Number:			
Contact: Kyleisithebempoo Street: 431 NW Flanders St Chy: Portland Sete: Bemail Results: Dropbox (IH Hs: (51) 505154 C Pa Results	The Hemp Collect ortact: kyle is the hemp collect col- ret: 431 NW Flanders St. Portland <u>Source</u> OF 281 Email Results: dropbox (IHC) (61) 508164 [] Pk Results: [] s (f dflower) [] oel is the hemp collect		shempcollect.com indersist. Selec OF 29, 97 pbox (IHC)		1-0159 composeds	ote Muhi Residue - 379 conpounds		astitui Solventu	Acisture & Water Activity		Acros: Yearst and Mode	6ou: £.Okiani Total Gelforn	etek.	E		Projec Pro Cutham P Report 6	n Number: lect Name: leporting: s State - [] NE s State - [] State	
Lab ID Client Sample Identification 1 01LIR209 OGK	Dete	Tittel	Pretionales	Preside	Potency	Renthant	Moisture	Terpenne	Mono: N	Mous: E.	Kerry Metals	Mycotophie	Officer	Semple Type 1	Weight (UNTE)	Construction (Wetter 10		
2 01LIR209_Shaolin			-	x	x	x		-	-	_	x		-	c				
3 01LIR209_Japhy		-	-	x	x	x		-	-	-	x	-		c				
			-	1	12.	x	_	-	-	-	x	-	-	C				
		-		x	×	-		_	_	-	-		-	c				
5 01LIR209_MT				×	×	×	_	_			×			170 I				
6 01LIR209_PK		1		x	×	×			-		x			C				
7 01LIR209_SP				×	×	x					x			C				
8 01LIR209_Sour G				x	x	x				1	х			C				
9 01LIR209_FG				x	x	x					x			C				
10 01LIR209_RGSP				x	x	×					x			C				
Reliegabil and By:	Date	Time		2	- 1	hysterst	Ry:	-		D	tar .	Te	THE .			Lab Use Only:		
Kyle Farook	1/17	11:00 /		1	3	2				1+1	7.15	11	n,			es D No - Terry (*C) _ Z 0 . 2		
192	107	1335	-	12	35	6			_	cilli	1/13	IH)	4	Sample is good constition: [] Yes] [] Yes [] Carls []] Check []] CC []] Mer: Perlog storage:				

+ - Sample Type Codec: Vagetation (V) ; holatin (5) ; totract/Concentrate (C); Tincture/Topical (1); Edible (C); Beverage (8)

ender services to econdater with the current toward service associated with this COC. To signing: "Admonstracity" year or synologic data: termiamples a devoted to Columbus Laboratories with a long reparationed conductor of open 13423 Mi Whiteler Wee P. (503) 254-1784 | Jac. (503) 254-1452

Portland, OR 97233

info@eoluenikistakuralus les.com

www.columbialaboratories.com

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Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

olumbia BORATORIES A Texasian Company

Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Revision: 4.00 Control®: CF025 Rev 02/24/2021 Eff: 03/04/2021 BEDODINO-CIPALERO

10103000-001424	2.52					. 1	(ralys	is fleq	pierre	d				P	5 Numbert	
Content: He Hemp Collect Content: Hyle terthehempcollect. Street: 431 NW Flanders st. Cay Portland Scale: OF a Street: 431 NW Flanders st. Cay Portland Scale: OF a Street: 431 NW Flanders st. Cay Portland Scale: OF a Street: 0 Flanders st. Street: 0 Flanders st		97209	1-OKS2 compounds	strode Multi-Residue - 379 compounds		eddaal Solverts	sture & Water Activity		facto: Vesset and Mold	C.Coli and Total Doliform	state	44		Projec Proj Custem P Heport to	a Mumber: ject Wene: Neporting: a State - [] WE1 a State - [] WE1 a State - [] 2 0 [] 2	IRC or 🗋 Other: Indiana Day Standard Tumaround Indiana Day Rush Tumaround* Indiana Day Rush Tumaround* Indi An owalishility
Lab 10 Client Sample Identification 1 01LIR209_TK	Date	Time	Particides	K Perticide	K Patency	Festival	Mosture	and a	Mikros Y	MINIOL C.	M Howy Metals	Myconarias	Other	Semple Type II	Weight (Units)	Community/Webre (D
2 01LIR209 STs	-		\vdash	X	×	X	-	-		-	X		-	C		
3 01LIR209 CS	-	-		x	x	x	-	-	-	-	X	-	-	Ċ		
4 01LIR209 PB	-	-		x	x	x	-	-			X	-		C		
5		-	F	-		F										
7																
9 10		-		-		-										
Relinquished By:	Dele	Time		1	20	(cover)	BY.			0	906	T	me.			Leb Use-Doly:
Kyle Farook	1/17	11:00 A	1	2	2	2-	-			1.57	13	11	4			ar El Client alrop
332	417	/336		(in-	5		-		04	1/13	141	6	Evidence of cooling: D Yes D No - Tersp (*C): Z / - j Semple is good condition: D Yes) D No D Coolin D Check D C(D Wes) Freiling storage:		

1 - Samule Type Codes: Vegetation (V) ; instates (S) ; Extract/Concentrate (C) ; Tincharu/Topical (T) ; Edible (E) ; Deverage (S)

war courter in the ory spreaking to blear terms Ramphi admittadas Calustica Inteis such assuring respon er/Se weisen is accellare with the correctance of service acceleral with the COC. By signing "Reliepeder by" or P. (300) 254-1264 (Fox (300) 254-1452

12425 Att Hiteliter Way Personal, OK 622281

Info@columbid.com/ks.com

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Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

Revision: 1 Document ID: 7148 Legacy ID: Worksheet Validated 04/20/2021

J AOAC 2015 V98	-6			_	В	atch ID: 2300	680		
aboratory Conti	ol Sample								
Analyte	LCS	Result	Spike	Units	% Rec	Limit	s	Evaluation	Notes
CEDVA	2	0.104	0.100	%	104	80.0 -	120	Acceptable	
CEDV	2	0.110	0.106	%	104	80.0 -	120	Acceptable	
Œ	2	0.108	0.105	%	103	80.0 -	120	Acceptable	
CEDA	1	0.0968	0.096	%	101	90.0 -	110	Acceptable	
CBGA	1	0.0973	0.096	%	101	80.0 -	120	Acceptable	
CBG	1	0.100	0.099	%	102	80.0 -	120	Acceptable	
CBD	1	0.0969	0.097	%	99.6	90.0 -	110	Acceptable	
IHCV	2	0.109	0.106	%	102	80.0 -	120	Acceptable	
18THCV	2	0.108	0.103	%	105	80.0 -	120	Acceptable	
IHCVA	2	0.102	0.099	%	103	80.0 -	120	Acceptable	
CBN	1	0.104	0.102	%	102	80.0 -	120	Acceptable	
exo-THC	2	0.101	0.097	%	104	80.0 -	120	Acceptable	
19THC	1	0.112	0.105	%	107	90.0 -	110	Acceptable	
18THC	1	0.0971	0.100	%	96.7	90.0 -	110	Acceptable	
BL .	2	0.108	0.104	%	104	80.0 -	120	Acceptable	
SHHC	3	0.0995	0.100	%	99.5	80.0 -	120	Acceptable	
10THC	1	0.0471	0.047	%	99.8	80.0 -	120	Acceptable	
CBC	2	0.107	0.104	%	103	80.0 -	120	Acceptable	
RHHC	3	0.0889	0.100	%	88.9	80.0 -	120	Acceptable	
HCA	1	0.0964	0.095	%	101	90.0 -	110	Acceptable	
CBCA	2	0.106	0.103	%	103	80.0 -	120	Acceptable	
CBLA	2	0.108	0.105	%	103	80.0 -	120	Acceptable	
ISTHCO	3	0.100	0.100	%	104	80.0 -	120	Acceptable	
CBI	2	0.104	0.105	%	104	80.0 -	120	Acceptable	
INTHCO	3	0.103	0.100	%	110	80.0 -	120	Acceptable	
Method Blank	v	0.110	0.100	70	110	80.0 -	120	nooprabic	
Analyte	R	esult	LOQ		Units	Limit	c .	Evaluation	Notes
CBDVA		LOQ	0.0077	1	%	< 0.00		Acceptable	Hotes
CBDV		LOQ	0.0077		%	< 0.00		Acceptable	
			0.0077	-	%	< 0.00		Acceptable	
CBDA			0.0077	-	%	< 0.00		Acceptable	
CBGA		LOQ	0.0077		%	< 0.00		Acceptable	
CBG			0.0077	1	%	< 0.00		Acceptable	
CBD			0.0077	-	%	< 0.00		Acceptable	
IHCV			0.0077	+	%	< 0.00		Acceptable	
18THCV			0.0077	+	%	< 0.00		Acceptable	
HCVA			0.0077		%	< 0.00		Acceptable	
CBN			0.0077	+	%	< 0.00		Acceptable	
exo-THC			0.0077	+	%	< 0.00		Acceptable	
			0.0077		%	< 0.00		Acceptable	
18THC			0.0077	<u> </u>	%	< 0.00		Acceptable	
			0.0077	<u> </u>	%	< 0.00		Acceptable	
JEL JSHHC			0.0077	<u> </u>	%	< 0.00		Acceptable	
110THC			0.0077		%	< 0.00		Acceptable	
			0.0077	%		< 0.00		Acceptable	
DRHHC			0.0077	%		< 0.00		Acceptable	
HCA			0.0077	+	%	< 0.00		Acceptable	
BCA			0.0077	<u> </u>	%	< 0.00		Acceptable	
CBLA		100 100	0.0077	ļ	%	< 0.00			
		100 100		ļ	%			Acceptable	
			0.0077		70	< 0.00	11	Acceptable	
d8THCO			0.0077		0/	< 0.00	77	Acceptoble	
	<		0.0077		%	< 0.00		Acceptable Acceptable	

ND - None Detected at or above MRL RPD - Relative Percent Difference

LOQ - Limit of Quantitation

Units of Measure: % - Percent

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<u>www.columbialaboratories.com</u> Page 11 of 16
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Tester exception 2010





Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

Revision: 1 Document ID: 7148 Legacy ID: Worksheet Validated 04/20/2021

			La	boratory	Quality Con	trol Results								
J AOAC 2015 V98-6	Batch ID: 2300680													
Sample Duplicate					Sam	ple ID: 23-000673	-0001							
Analyte	Result	Org. Result	LOQ	Units	RPD	Evaluation	Notes							
CBDVA	0.0236	0.0235	0.077	%	0.271	< 20	Acceptable							
CEDV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CEE	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CEDA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CEGA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CBG	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CBD	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
THCV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
d8THCV	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
THCVA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CBN	0.0340	0.0342	0.077	%	0.526	< 20	Acceptable							
exo-THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
d9THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
d8THC	0.189	0.172	0.077	%	9.34	< 20	Acceptable							
CBL	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
9SHHC	39.6	38.5	0.077	%	2.70	< 20	Acceptable							
d10THC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CBC	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
9R-HHC	36.9	35.2	0.077	%	4.96	< 20	Acceptable							
THCA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CBCA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CBLA	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
d8THCO	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
CBL	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							
d9THCO	<loq< td=""><td><loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.077</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.077	%	NA	< 20	Acceptable							

Abbreviations

ND - None Detected at or above MRL RPD - Relative Percent Difference

LOQ - Limit of Quantitation

R2 - Sample replicates IRD non-calculable, as only one replicate is within analytical range.

Units of Measure:

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Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

Revision: 2 Document ID: 7087 Legacy ID: CFL-E33Effective:

	La	borator	/ Quali	ty Contro	Results			Legacy IL	CFL-E	-33Effective:
Residual Solvents		abrator.	Garan	cy contro		Bat	ch ID:	2300691		
Method Blark					Laboratory	/ Control S	amole			
Analyte	Result		LOQ	Notes	Result	Spike	Units	%Rec	Limits	Notes
Propane	ND	<	200		547	572	µg/g	95.6 6	0 - 120)
Isobutane	ND	<	200		701	731	µg/g	95.9 6	0 - 120)
Butane	ND	<	200		678	731	µg/g	92.7 6	0 - 120)
2,2-Dimethylpropane	ND	<	200		893	936	µg/g	95.4 6	0 - 120)
Methanol	ND	<	200		1580	1620	µg/g	97.5 6	0 - 120)
Ethylene Oxide	ND	<	30		55	56.2	µg/g	97.9 6	0 - 120)
2-Methylbutane	ND	<	200		1520	1610	µg/g	94.4 6	0 - 120)
Pertane	ND	<	200		1520	1600	µg/g	95.0 6	0 - 120)
Ethanol	ND	<	200		1610	1610	µg/g	100.0 7	0 - 130)
Ethyl Ether	ND	<	200		1560	1630	µg/g	95.7 6	0 - 120)
2,2-Dimethylbutane	ND	<	30		164	171	µg/g	95.9 6	0 - 120)
Acetone	ND	<	200		1560	1630	µg/g	95.7 6	0 - 120)
2-Propanol	ND	<	200		1670	1620	µg/g	103.1 6	0 - 120)
Acetonitrile	ND	<	100		475	498	µg/g	95.4 6	0 - 120)
2,3-Dimethylbutane	ND	<	30		160	171	µg/g	93.6 6	0 - 120)
Dichloromethane	ND	<	60		476	483	µg/g	98.6 6	0 - 120)
2-Methylpentane	ND	<	30		161	168		95.8 6	0 - 120)
3-Methylpentane	ND	<	30		146	167	µg/g	87.4 6	0 - 120)
Hexane	ND	<	30		208	182	µg/g	114.3 6	0 - 120)
Ethyl acetate	ND	<	200		1570	1610	µg/g	97.5 6		
2-Butanol	ND	<	200		1660	1600	µg/g	103.8 6	0 - 120)
Tetrahydrofuran	ND	<	100		474	483	µg/g	98.1 6	0 - 120)
Cyclohexane	ND	<	200		1540	1610	µg/g	95.7 6		
Benzene	ND	<	1		5.3	5.02	µg/g	105.6 6	0 - 120)
sopropyl Acetate	ND	<	200		1670	1620	µg/g	103.1 6	0 - 120)
Heptane	ND	<	200		1500	1610	µg/g	93.2 6	0 - 120)
1,4-Dioxane	ND	<	100		475	491	µg/g	96.7 6		
2-Ethoxyethanol	ND	<	30		316	181	µg/g	174.6 6	0 - 120	Q1
Ethylene Glycol	ND	<	200		698	484	µg/g	144.2 6		
Toluene	ND	<	100		465	485	µg/g	95.9 6		
Bhylbenzene	ND	<	200		911	969	µg/g	94.0 6		
m,p-Xylene	ND	<	200		915	994		92.1 6	0 - 120)
o-Xylene	ND	<	200		901	967	µg/g	93.2 6	0 - 120)
Cumene	ND	<	30		161	171	µg/g	94.2 6	0 - 120)

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 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410
 OAR 333-007-0430





Report Number:	23-000690/D002.R000
Report Date:	01/24/2023
ORELAP#:	OR100028
Purchase Order:	
Received:	01/17/23 14:16

						Revision: 2	Document ID: 7087
						Legacy ID	: CFL-E33Effective:
QC-Sample Duplicate					Sample ID:	23-000690-0005	
Analyte	Result	Org. Reult	LOQ Units	RFD	Limits	Accept/Fail	Notes
Propane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Isobutane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Butane	1250	1160	200 µg/g	7.5	< 20	Acceptable	
2,2-Dimethylpropane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Methanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethylene Oxide	ND	ND	30 µg/g	0.0	< 20	Acceptable	
2-Methylbutane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Pertane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Ethanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Bhyl Bher	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2,2-Dimethylbutane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Acetone	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2-Propanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Acetonitrile	ND	ND	100 µg/g	0.0	< 20	Acceptable	
2,3-Dimethylbutane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Dichloromethane	ND	ND	60 µg/g	0.0	< 20	Acceptable	
2-Methylpentane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
3-Methylpentane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Hexane	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Ethyl acetate	ND	ND	200 µg/g	0.0	< 20	Acceptable	
2-Butanol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Tetrahydrofuran	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Cyclohexane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Benzene	ND	ND	1 µg/g	0.0	< 20	Acceptable	
Isopropyl Acetate	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Heptane	ND	ND	200 µg/g	0.0	< 20	Acceptable	
1,4-Dioxane	ND	ND	100 µg/g	0.0	< 20	Acceptable	
2-Ethoxyethanol	ND	ND	30 µg/g	0.0	< 20	Acceptable	
Ethylene Glycol	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Toluene	ND	ND	100 µg/g	0.0	< 20	Acceptable	
Ethylbenzene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
m,p-Xylene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
o-Xylene	ND	ND	200 µg/g	0.0	< 20	Acceptable	
Cumene	ND	ND	30 µg/g	0.0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL RPD- Relative Percent Difference

Units of Measure:

μg/g- Microgram per gram or ppm

LQC - Limit of Quantitation Q1 - Quality control result biasedhigh. Only non-detect samples reported.

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Report Date:	01/24/2023
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 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410
 OAR 333-007-0430





23-000690/D002.R000 **Report Number: Report Date:** 01/24/2023 **ORELAP#:** OR100028 **Purchase Order: Received:** 01/17/23 14:16

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
В	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.

 Image: New Columbial aboratories.com
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 Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410
 OAR 333-007-0430

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PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368

sample 03DTST224_AMBER_D8 Distillate





Sample ID SD230329-008 (71349) Matrix Concentrate (Inhalable Cannabis Good)

Tested for The Hemp Collect Sampled -Received Mar 28, 2023 Analyses executed CAN+, RES, MIBIG, MTO, PES, HME, FVI

Reported Apr 05, 2023

Laboratory note: The estimated concentration of the unknown peak in the sample is 660% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC, (+)d8-THC is a different compound from the main (-)d8-THC cannobinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC and d9-THC is problematic for the scientific community as a whole. PhormLabs believes the unidentified peak to be a combination of (+)d8-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 94.56%.

CAN+ - Cannabinoids Analysis

Analyzed Apr 04, 2023 | Instrument HPLC-VWD | Method SOP-001 The expanded Uncertainty of the Cannabinoid analysis is approximately **#.806%** at the 95% Confidence Level

The expanded oncertainty of the cannabilitia analysis is approximately 3.000% at the 35% connuence Level				
Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	94.56	945.60
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ 8THC (THCa * 0.877 + Δ 9THC + Δ 8THC)			94.56	945.60
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total Cannabinoids			94.56	945.60

HME - Heavy Metals Detection Analysis

Analyzed Apr 04, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	ND	0.2	Cadmium (Cd)	3.0e-05	0.0005	ND	0.2
Mercury (Hg)	1.0e-05	0.0001	ND	0.1	Lead (Pb)	1.0e-05	0.00125	ND	0.5

MIBIG - Microbial Testing Analysis

Analyzed Mar 31, 2023 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram
Aspergillus fumigatus	ND	ND per 1 gram	Aspergillus flavus	ND	ND per 1 gram
Aspergillus niger	ND	ND per 1 gram	Aspergillus terreus	ND	ND per 1 gram

MTO - Mycotoxin Testing Analysis

Analyzed Apr 04, 2023 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 05 Apr 2023 10:13:00 -0700



PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1 "This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fall status is reported, that status is intended to be in accordance with federal, state and local lows which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fall evolution unless explicition unless expliciting, state or local lows and has been reported on the retrificate of analysis. Ressurement of uncertainty is available upon request.

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QA Testing

PES - Pesticides Screening Analysis

Analyzed Apr 04, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

DimehondeOntOntOntEnferproxOntOn	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Fenosycrih 0.01 0.02 ND 0.01 Thickloprid 0.01 0.02 ND 0.01 Dominoldo 0.01 0.02 ND 0.01 0.02 ND 0.01 Brondinizadi 0.02 0.07 ND 0.02 Methocn'h 0.01 0.02 ND 0.01 Sprosonine 0.01 0.01 0.01 Counsplot 0.01 0.02 ND 0.01 Glorpyrifos 0.01 0.01 0.01 Pethocn'hos (Popbox) 0.01 0.03 ND 0.01 Baugo fi/Popoxu' 0.01 0.02 ND 0.01 Methyl Porathion 0.02 0.01 ND 0.02 Methyl Porathion 0.02 0.03 Abmethin 0.03 0.08 ND 0.01 Abertoriho 0.01 0.03 ND 0.01 Methyl Porathion 0.02 0.03 ND 0.01 Abertoriho 0.01 0.01 0.01 0.01 0.01 0.01 0.01<	Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dominisadie 0.01 0.04 ND 0.01 Dicharvas 0.02 0.02 ND 0.02 Spraamine 0.01 0.02 ND 0.01 Caumaphes 0.01 0.02 ND 0.01 Spraamine 0.01 0.01 0.01 Paclobutrazol 0.01 0.02 ND 0.01 Spraamine 0.01 0.02 ND 0.01 Paclobutrazol 0.01 0.02 ND 0.01 Chorpertifs 0.01 0.02 ND 0.03 MD 0.03 Methylapertifn 0.02 0.01 ND 0.03 Methylaps 0.03 0.03 Methylapertifn 0.03 MD 0.03 MD 0.03 MD 0.03 ND 0.01 Methylaps 0.03 0.03 Methylapertifn 0.03 MD 0.01 Methylapertifn 0.03 ND 0.01 Methylaps 0.03 ND 0.1 Metroatol 0.01 Metroatol <th< td=""><td>Dimethoate</td><td>0.01</td><td>0.02</td><td>ND</td><td>0.01</td><td>Etofenprox</td><td>0.02</td><td>0.1</td><td>ND</td><td>0.02</td></th<>	Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
imaculi0.020.07ND0.02Methocych0.010.02ND0.01Sprovamico0.010.010.010.010.010.02ND0.01Fipranil0.010.010.010.01Paclabutrazal0.010.02ND0.01Chiorgyrfs0.010.04ND0.01Paclabutrazal0.010.02ND0.01Chiorgoxur/0.010.020.01ND0.02ND0.01ND0.02Chiorgoxur/0.030.01ND0.03Methyl Parchinon0.020.01ND0.02Accystrato0.020.05ND0.03Abarnectin0.020.05ND0.01Accystrato0.020.05ND0.01Bienatinania0.02ND0.010.02ND0.01Accystrato0.020.02ND0.1Bienatinania0.02ND0.010.02ND0.01Chiorging0.020.02ND0.1Bienatinania0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.01ND0.01ND0.01ND0.01ND0.01ND0.01ND <td>Fenoxycarb</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.01</td> <td>Thiachloprid</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.01</td>	Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Spiroamine 0.0 0.0 0.0 Coumphos 0.0	Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Instruct 0.01 0.1 ND 0.01 Pacebuirtacel 0.01 0.03 ND 0.01 Charpurifos 0.01 0.02 ND 0.01 Ehtoprophos(Propox) 0.01 0.02 ND 0.01 Charpurifos 0.01 0.02 ND 0.01 Chardene 0.02 0.01 ND 0.02 Chardenopyr 0.03 0.01 ND 0.03 Methyl Parathin 0.02 0.01 ND 0.02 Accephote 0.02 0.05 ND 0.1 Acetemiprid 0.01 0.05 ND 0.01 Accephote 0.02 0.05 ND 0.1 Breatemiprid 0.01 0.05 ND 0.01 0.05 ND 0.01 0.05 ND 0.01 0.05 ND 0.01 0.02 ND 0.01 0.02 ND 0.01 Daranon 0.01 0.02 ND 0.01 Daranon 0.01 0.02 ND 0.01 Dara	Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Opport/Infos 0.01 0.04 ND 0.01 Ethoprophos/(Prophos) 0.01 0.02 ND 0.01 Baggon (Propoxur) 0.03 0.01 ND 0.03 Methyl Porchion 0.02 0.11 ND 0.02 Mevinphos 0.03 0.03 0.03 ND 0.03 Abomectin 0.03 0.08 ND 0.01 Acephote 0.02 0.05 ND 0.11 Abomectin 0.03 0.08 ND 0.01 Acephote 0.02 0.05 ND 0.1 Breacteringrid 0.01 0.02 ND 0.1 Acephote 0.01 0.02 ND 0.1 Breacate 0.01 0.03 ND 0.1 Cofordryl 0.01 0.02 ND 0.1 Dreacate 0.01 0.02 ND 0.1 Cofordryl 0.01 0.02 ND 0.1 Hextmarce 0.01 0.02 ND 0.1 Cofordryl	Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Bagging (Propoxur) 0.01 0.02 ND 0.01 Chlordrane 0.04 0.1 ND 0.03 Chiorfengyr 0.03 0.1 ND 0.03 Methyl Parathion 0.02 0.1 ND 0.03 Acephate 0.02 0.05 ND 0.1 Acarmetria 0.01 0.05 ND 0.1 Acephate 0.02 0.05 ND 0.1 Acarmetria 0.01 0.05 ND 0.1 Acephate 0.01 0.02 ND 0.1 Bifenzate 0.01 0.05 ND 0.1 Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 0.1 Carbaryl 0.01 0.02 ND 0.1 Dication 0.01 0.02 ND 0.1 Carbaryl 0.01 0.03 ND 0.1 Head 0.01 0.02 ND 0.1 Carbaryl 0.01 0.05	Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chorferapyr 0.03 0.1 ND 0.03 Methyl Parathion 0.02 0.1 ND 0.02 Mevinphos 0.03 0.08 ND 0.03 Abamectin 0.03 0.08 ND 0.1 Acephote 0.01 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Acoxystrobin 0.01 0.02 0.05 ND 3 Boscalid 0.01 0.05 ND 0.1 Carbaryl 0.01 0.02 0.05 ND 0.5 Chorentroniliprole 0.01 0.02 ND 0.1 Carbaryl 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Carbaryl 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Indiactoprid 0.02 0.05 ND 0.1 Hexitinizax 0.01 0.02 ND 0.1	Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Mevinphan 0.03 0.03 ND 0.03 Abomectin 0.03 0.08 ND 0.1 Acephate 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Acexpistrobin 0.01 0.02 ND 0.1 Bifentrini 0.02 0.05 ND 0.05 ND 0.01 0.05 ND 0.01 0.02 ND 0.01 0.02 ND 0.01 0.01 0.02 ND 0.01 0.02 ND<	Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Acceptate 0.02 0.05 ND 0.1 Accampind 0.01 0.05 ND 0.1 Accovstrobin 0.01 0.02 ND 0.1 Bifenzate 0.01 0.05 ND 0.1 Carboryl 0.01 0.02 ND 0.5 Chlorantronilipole 0.01 0.04 ND 0.01 Clofentezine 0.01 0.02 ND 0.5 Chlorantronilipole 0.01 0.02 ND 0.01 Clofentezine 0.01 0.02 ND 0.1 Floricamid 0.01 0.02 ND 0.1 Fengynximete 0.02 0.1 ND 0.1 Floricamid 0.01 0.02 ND 0.1 Inidacolprid 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Noled 0.01 0.02 ND 0.1 Mcloshindi 0.01 0.02 ND 0.1 Noled 0.01	Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Azoxystrobin 0.01 0.02 ND 0.1 Bifenzare 0.01 0.05 ND 0.1 Bifentrin 0.02 0.35 ND 3 Bocolid 0.01 0.03 ND 0.1 Carbary 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 0.01 Clofentzine 0.01 0.02 ND 0.1 Dizinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.1 ND 0.1 Fionicamid 0.01 0.02 ND 0.1 Fludioxonil 0.01 0.05 ND 0.1 Heythizazx 0.01 0.03 ND 0.1 Midathin 0.01 0.05 ND 0.5 Metoloxyl 0.01 0.02 ND 0.1 Midathin 0.02 0.05 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Nole 0.1 0.02 ND <td>Mevinphos</td> <td>0.03</td> <td>0.08</td> <td>ND</td> <td>0.03</td> <td>Abamectin</td> <td>0.03</td> <td>0.08</td> <td>ND</td> <td>0.1</td>	Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Bifenthrin 0.02 0.35 ND 3 Boscalid 0.01 0.03 ND 0.1 Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.02 ND 0.1 Clofentezine 0.01 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Pengyroximate 0.02 0.1 ND 0.1 Floricarmid 0.01 0.05 ND 0.1 Inidiocoprid 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Inidiactoprid 0.01 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 0.1 Malathion 0.02 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 0.1 Noled 0.02 0.05 ND 0.5 Phosenet 0.01 0.02 ND 0.1 Noled 0.02	Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 10 Clofentezine 0.01 0.03 ND 0.1 Diazinon 0.01 0.05 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etxoazole 0.01 0.05 ND 0.1 Fengyroximate 0.02 0.1 ND 0.1 Floricomid 0.01 0.02 ND 0.1 Fludioxonil 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Midathion 0.01 0.05 ND 5 Metoaxyl 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 5 Metoaxyl 0.01 0.02 ND 0.1 Malathion 0.02 0.05 ND 1 Myclobutanil 0.02 ND 0.1 Malathion 0.02 0.02 ND	Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Clofentezine 0.01 0.03 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxzole 0.01 0.02 ND 0.1 Findproximate 0.02 0.1 ND 0.1 Findicamid 0.01 0.02 ND 0.1 Findproximate 0.01 0.05 ND 0.1 Hexithiazox 0.01 0.03 ND 0.1 Midathion 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Midathion 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Midathion 0.01 0.02 0.05 ND 0.5 Metolaxyl 0.01 0.02 ND 0.1 Noled 0.02 0.05 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Permethrin 0.02	Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.05 ND 0.1 Fengroximate 0.02 0.1 ND 0.1 Floarcamid 0.01 0.03 ND 0.1 Ibidiaxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidacoprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 0.1 Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.5 Plemethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Projeconzole 0.01 0.02 ND 0.1 Spinosad 0.01 0.05 ND 0.1 Projeconzole 0.01 0.02	Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Fengyroxinate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Fludicxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Inidactoprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 2 Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.02 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Pilperonyl Butoxide 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Pilperonyl Butoxide 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pilotabad 0.02 0.07 <td>Clofentezine</td> <td>0.01</td> <td>0.03</td> <td>ND</td> <td>0.1</td> <td>Diazinon</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.1</td>	Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Fludioxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidacoprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Mathonyl 0.02 0.05 ND 0.5 Metaloxyl 0.01 0.02 ND 0.1 Naled 0.01 0.02 0.05 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Permethrin 0.01 0.02 0.05 ND 0.1 Propiconazole 0.03 0.08 ND 0.1 Pralethrin 0.02 0.07 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spirotetramat	Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Initial 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metoxyl 0.01 0.03 ND 2 Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Neto 0.01 0.02 0.05 ND 0.1 0.02 0.07 ND 0.1 Neto 0.01 0.02 ND 0.1 0.02 ND 0.5 Permethrin 0.02 0.06 ND 3 Projiconazole 0.03 0.08 ND 0.1 Pralethrin 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosatifen 0.02 0.06 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosatifen	Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Malathion 0.01 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 2 Methonyi 0.02 0.05 ND 1 Myclobutanii 0.02 0.07 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonji Butoxide 0.02 0.05 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonji Butoxide 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridaben 0.02 0.07 ND 0.1 Spinosod A 0.01 0.05 ND 0.1 Spinosod D 0.01 0.02 ND 0.1 Spinosod A 0.01 0.02 ND 0.1 Spinotetramat 0.01 0.02	Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Naled 0.01 0.02 ND 0.1 0xamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Praterhtnin 0.02 0.05 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosazole 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosazole 0.02 0.02 ND 0.1 Spinotarumat 0.01 0.02	Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Naled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Projeconazole 0.03 0.08 ND 0.1 Pridebtnin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.01 0.05 ND 0.1 Pyridoben 0.02 0.07 ND 0.1 Spinosod A 0.01 0.05 ND 0.1 Spinostad D 0.01 0.02 0.07 ND 0.1 Spinositifen 0.01 0.02 ND 0.1 Spinostad D 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin	Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridaben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Spinotetramat 0.01 0.02 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin	Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Piperonyl Butoxide 0.02 0.05 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prallethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Prallethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosazien 0.02 0.06 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Spinosad D 0.02 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Acequincylin 0.02 0.02 ND 0.1 Captan 0.01 0.02 ND 0.7 Cyperme	Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Prallethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridden 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spiromesifen 0.02 0.06 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spiromesifen 0.02 0.02 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Teluconazole 0.01 0.02 ND 0.1 Cypermethrin 0.02 0.02 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.02 0.07 ND 2 Cypermethrin 0.02 0.07 <td>Permethrin</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.5</td> <td>Phosmet</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.1</td>	Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Pyridaben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spirosad A 0.02 0.06 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spirosefram 0.02 0.02 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.02 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Spinosad D 0.01 0.05 ND 0.1 Spiromesifen 0.02 0.06 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Iniamethoxam 0.01 0.02 ND 0.5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequincyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Gypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Thiamethoxam 0.01 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09 ND 0.1 Capton 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexmid 0.02 0.07 ND 0.1 Spiletoram J,L 0.02 0.07 ND 0.1	Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Acequinocyl 0.02 0.09 ND 0.1 Capton 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
	Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Pentachloronitrobenzene 0.01 0.1 ND 0.1	Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
	Pentachloronitrobenzene	0.01	0.1	ND	0.1					

RES - Residual Solvents Testing Analysis

Analyzed Apr 04, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND	5000.0	Butane (But)	0.4	40.0	ND	5000.0
Methanol (Metha)	0.4	40.0	ND	3000.0	Ethylene Oxide (EthOx)	0.4	0.8	ND	1.0
Pentane (Pen)	0.4	40.0	ND	5000.0	Ethanol (Ethan)	0.4	40.0	ND	5000.0
Ethyl Ether (EthEt)	0.4	40.0	ND	5000.0	Acetone (Acet)	0.4	40.0	ND	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	1.0	1.0	Hexane (Hex)	0.4	40.0	ND	290.0
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000.0	Chloroform (Clo)	0.4	0.8	ND	1.0
Benzene (Ben)	0.4	0.8	ND	1.0	1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	1.0
Heptane (Hep)	0.4	40.0	ND	5000.0	Trichloroethylene (TriClEth)	0.4	0.8	ND	1.0
Toluene (Toluene)	0.4	40.0	ND	890.0	Xylenes (Xyl)	0.4	40.0	ND	2170.0

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 30, 2023 | Instrument Microscope | Method SOP-010

Analyte / Limit	Result	Analyte / Limit	Result
>1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND
>1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

UI Not Identified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected NUCU. Above upper limit of linearity >ULCU. Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 05 Apr 2023 10:13:00 -0700



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