



Analytical Test Report

Science First. ORELAP ID: 4096 OLCC#: 010-1002112892C

7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

Pine Walker CBDV

Lab ID: 2212135-04

Whole Circle Farms
AG-R10408871HG

Harvest / Process Lot: WCF-2022-Pine-001

METRC Batch ID:

Date Sampled: 12/21/22

Date Printed: 12/28/22

Potency Analysis

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -
SOP 102 - Cannabinoids via High Performance Liquid Chromatography

Cannabinoids	(%)	Moisture Adjusted	LOQ	Notes
THCA	0.104	0.115	0.0541	
delta 9-THC	0.0772	0.0853	0.0541	
delta 8-THC	< LOQ	< LOQ	0.0541	
CBDA	4.33	4.79	0.0541	
CBDVA	3.95	4.37	0.0541	
CBGA	0.361	0.399	0.0541	
CBD	0.793	0.877	0.0541	
CBDV	0.678	0.750	0.0541	
CBG	0.0728	0.0805	0.0541	
CBN	< LOQ	< LOQ	0.0541	
CBC	0.135	0.150	0.0541	
Total CBG	0.389	0.430	0.0541	
Total Cannabinoids	9.43	10.4	0.0541	

Total THC
0.187 %

Total CBD
5.08 %

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO₂. Result = *bioactive*

Total Cannabinoid accounts for decarboxylation and moisture content. Total THC = [(THCA×0.877) + Δ9THC] / (100%-MC)

Moisture

Analysis Method/SOP: SOP 7

Moisture: 9.55 %

Water Activity

Analysis Method/SOP: SOP 8

Results above 0.65 fail state testing requirements and will be highlighted **Red**.

Water Activity: 0.538

PASS

Chris Griffey
Lab Director

Sample tested in compliance with OAR 333-007 (TNI standards). Test results meet all requirements of NELAP and the Rose City Laboratories quality assurance plan unless otherwise noted. Samplings performed by RCL personnel follow sampling SOP 30. Samples not collected by RCL personnel are analyzed in "as received" condition. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs.



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Pine Walker CBDV

Whole Circle Farms

AG-R10408871HG

Laboratory ID: 2212135-04

Pesticide Analysis in PPM

Date/Time Extracted: 12/22/22 16:20

Date/Time Analyzed: 12/27/22 13:47

Analysis Method/SOP: SOP 33

Instrument: Niobe

Batch Identification: B22L148

Analyte	Result	Action Level	LOQ	Type
Abamectin	< LOQ	0.5	0.2500	Avermectin insecticide
Acephate	< LOQ	0.4	0.2000	Organophosphate Insecticide
Acequinocyl	< LOQ	2	1.000	Quinoline insecticide
Acetamiprid	< LOQ	0.2	0.1000	Neonicotinoid insecticide
Aldicarb	< LOQ	0.4	0.2000	Carbamate insecticide
Azoxystrobin	< LOQ	0.2	0.1000	Strobilin fungicide
Bifenazate	< LOQ	0.2	0.1000	Carbazate miticide
Bifenthrin	< LOQ	0.2	0.1000	Pyrethroid insecticide
Boscalid	< LOQ	0.4	0.2000	Carboxamide fungicide
Carbaryl	< LOQ	0.2	0.1000	Carbamate insecticide
Carbofuran	< LOQ	0.2	0.1000	Carbamate insecticide
Chlorantraniliprole	< LOQ	0.2	0.1000	Anthranilic diamide insecticide
Chlorfenapyr	< LOQ	1	0.5000	Pyrrole insecticide
Chlorpyrifos	< LOQ	0.2	0.1000	Organophosphate Insecticide
Clofentezine	< LOQ	0.2	0.1000	Tetrazine miticide
Cyfluthrin	< LOQ	1	0.5000	Pyrethroid insecticide
Cypermethrin	< LOQ	1	0.5000	Pyrethroid insecticide
Daminozide	< LOQ	1	0.5000	Plant growth regulator
DDVP (Dichlorvos)	< LOQ	1	0.5000	Organophosphate insecticide
Diazinon	< LOQ	0.2	0.1000	Organophosphate Insecticide
Dimethoate	< LOQ	0.2	0.1000	Organophosphate insecticide
Ethoprophos	< LOQ	0.2	0.1000	Organophosphate insecticide
Etofenprox	< LOQ	0.4	0.2000	Pyrethroid insecticide
Etoxazole	< LOQ	0.2	0.1000	Oxazoline insecticide
Fenoxycarb	< LOQ	0.2	0.1000	Carbamate insecticide
Fenpyroximate	< LOQ	0.4	0.2000	Pyrazolium miticide
Fipronil	< LOQ	0.4	0.2000	Pyrazole insecticide
Flonicamid	< LOQ	1	0.5000	Pyridinecarboxamide insecticide
Fludioxonil	< LOQ	0.4	0.2000	Benzodioxole fungicide
Hexythiazox	< LOQ	1	0.5000	Heterocyclic miticide

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Lab Director



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Date/Time Extracted: 12/22/22 16:20

Date/Time Analyzed: 12/27/22 13:47

Analysis Method/SOP: SOP 33

Instrument: Niobe

Batch Identification: B22L148

Analyte	Result	Action Level	LOQ	Type
Imazalil	< LOQ	0.2	0.1000	Imidazole fungicide
Imidacloprid	< LOQ	0.4	0.2000	Neonicotinoid insecticide
Kresoxim-methyl	< LOQ	0.4	0.2000	Strobilurin fungicide
Malathion	< LOQ	0.2	0.1000	Organophosphate insecticide
Metalaxyl	< LOQ	0.2	0.1000	Benzenoid fungicide
Methiocarb	< LOQ	0.2	0.1000	Carbamate insecticide
Methomyl	< LOQ	0.4	0.2000	Carbamate insecticide
Methyl parathion	< LOQ	0.2	0.1000	Organophosphate insecticide
MGK-264	< LOQ	0.2	0.1000	Pesticide synergist
Myclobutanil	< LOQ	0.2	0.1000	Triazole fungicide
Naled	< LOQ	0.5	0.2500	Organophosphate insecticide
Oxamyl	< LOQ	1	0.5000	Carbamate insecticide
Paclobutrazol	< LOQ	0.4	0.2000	Triazole fungicide
Permethrins	< LOQ	0.2	0.1000	Pyrethroid insecticide
Phosmet	< LOQ	0.2	0.1000	Organophosphate insecticide
Piperonyl butoxide	< LOQ	2	1.000	Pesticide synergist
Prallethrin	< LOQ	0.2	0.1000	Pyrethroid insecticide
Propiconazole	< LOQ	0.4	0.2000	Triazole fungicide
Propoxur	< LOQ	0.2	0.1000	Carbamate insecticide
Pyrethrins	< LOQ	1	0.5000	Pyrethroid insecticide
Pyridaben	< LOQ	0.2	0.1000	Pyridazinone insecticide
Spinosad	< LOQ	0.2	0.1000	Spinosyn insecticide
Spiromesifen	< LOQ	0.2	0.1000	Keto-enol insecticide
Spirotetramat	< LOQ	0.2	0.1000	Keto-enol insecticide
Spiroxamine	< LOQ	0.4	0.2000	Spiroketalamine fungicide
Tebuconazole	< LOQ	0.4	0.2000	Triazole fungicide
Thiacloprid	< LOQ	0.2	0.1000	Neonicotinoid insecticide
Thiamethoxam	< LOQ	0.2	0.1000	Neonicotinoid insecticide
Trifloxystrobin	< LOQ	0.2	0.1000	Strobin fungicide

<LOQ - Results below the Limit of Quantitation - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted Red.

Chris Griffey
Lab Director



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7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

Pine Walker CBDV

Whole Circle Farms

AG-R10408871HG

Laboratory ID: 2212135-04

Mycotoxins Analysis in PPM

Date/Time Extracted: 12/22/22 16:20

Date/Time Analyzed: 12/27/22 13:47

Analysis Method/SOP: Mycotoxins

Instrument: Niobe

Batch Identification: B22L148

Analyte	Result	Action Level	LOQ
Aflatoxin B1	< LOQ	0	0.00250
Aflatoxin B2	< LOQ	0	0.00250
Aflatoxin G1	< LOQ	0	0.00250
Aflatoxin G2	< LOQ	0	0.00250
Ochratoxin A	< LOQ	0.02	0.0100
Total Aflatoxins	< LOQ	0.02	0.00250

<LOQ - Results below the Limit of Quantitation - Compound not detected

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Laboratory ID: 2212135-04

Quality Control Potency

Batch: B22L140 - Potency

Blank(B22L140-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
delta 9-THC	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
CBGA	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
CBDA	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
CBD	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
CBN	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
CBG	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
delta 8-THC	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
CBC	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
Total CBG	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
CBDVA	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	
CBDV	< LOQ	0.0500	%		12/22/22 09:23	12/22/22 12:44	

LCS(B22L140-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	100	0.0525	%	90-110	12/22/22 09:23	12/22/22 12:59	
delta 9-THC	104	0.0525	%	90-110	12/22/22 09:23	12/22/22 12:59	
CBDA	101	0.0525	%	90-110	12/22/22 09:23	12/22/22 12:59	
CBD	102	0.0525	%	90-110	12/22/22 09:23	12/22/22 12:59	
delta 8-THC	101	0.0525	%	90-110	12/22/22 09:23	12/22/22 12:59	

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Laboratory ID: 2212135-04

Quality Control Pesticide Analysis

Batch: B22L148 - Pest/Myco

Blank(B22L148-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	< LOQ	0.2500	ppm		12/22/22 16:20	12/27/22 12:12	
Acephate	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Acequinocyl	< LOQ	1.000	ppm		12/22/22 16:20	12/27/22 12:12	
Acetamiprid	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Aldicarb	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Azoxystrobin	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Bifenazate	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Bifenthrin	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Boscalid	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Carbaryl	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Carbofuran	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Chlorantraniliprole	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Chlorfenapyr	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
Chlorpyrifos	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Clofentezine	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Cyfluthrin	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
Cypermethrin	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
Daminozide	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
DDVP (Dichlorvos)	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
Diazinon	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Dimethoate	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Ethoprophos	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Etofenprox	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Etoxazole	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Fenoxycarb	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Fenpyroximate	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Fipronil	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Flonicamid	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
Fludioxonil	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Hexythiazox	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
Imazalil	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Imidacloprid	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Kresoxim-methyl	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Malathion	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Metalaxyl	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	

Chris Griffey
Lab Director



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Pine Walker CBDV

Whole Circle Farms

AG-R10408871HG

Laboratory ID: 2212135-04

Quality Control Pesticide Analysis (Continued)

Batch: B22L148 - Pest/Myco (Continued)

Blank(B22L148-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Methiocarb	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Methomyl	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Methyl parathion	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
MGK-264	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Myclobutanil	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Naled	< LOQ	0.2500	ppm		12/22/22 16:20	12/27/22 12:12	
Oxamyl	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
Paclbutrazol	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Permethrins	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Phosmet	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Piperonyl butoxide	< LOQ	1.000	ppm		12/22/22 16:20	12/27/22 12:12	
Prallethrin	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Propiconazole	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Propoxur	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Pyrethrins	< LOQ	0.5000	ppm		12/22/22 16:20	12/27/22 12:12	
Pyridaben	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Spinosad	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Spiromesifen	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Spirotetramat	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Spiroxamine	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Tebuconazole	< LOQ	0.2000	ppm		12/22/22 16:20	12/27/22 12:12	
Thiacloprid	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Thiamethoxam	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	
Trifloxystrobin	< LOQ	0.1000	ppm		12/22/22 16:20	12/27/22 12:12	

LCS(B22L148-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Abamectin	137	0.2500	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Acephate	110	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Acequinocyl	189	1.000	ppm	40-160	12/22/22 16:20	12/27/22 11:56	Q3
Acetamiprid	115	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Aldicarb	110	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Azoxystrobin	109	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Bifenazate	132	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	Q3
Bifenthrin	93.6	0.1000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Boscalid	107	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	

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Lab Director



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Quality Control Pesticide Analysis (Continued)

Batch: B22L148 - Pest/Myco (Continued)

LCS(B22L148-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Carbaryl	114	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Carbofuran	113	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Chlorantraniliprole	108	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Chlorfenapyr	131	0.5000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	Q3
Chlorpyrifos	117	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Clofentezine	106	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Cyfluthrin	132	0.5000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Cypermethrin	118	0.5000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Daminozide	97.2	0.5000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
DDVP (Dichlorvos)	109	0.5000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Diazinon	116	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Dimethoate	114	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Ethoprophos	119	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Etofenprox	113	0.2000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Etoxazole	114	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Fenoxycarb	114	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Fenpyroximate	104	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Fipronil	143	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	Q3
Flonicamid	118	0.5000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Fludioxonil	116	0.2000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Hexythiazox	111	0.5000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Imazalil	99.4	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Imidacloprid	114	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Kresoxim-methyl	111	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Malathion	109	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Metalaxyl	116	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Methiocarb	116	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Methomyl	118	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Methyl parathion	142	0.1000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
MGK-264	114	0.1000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Myclobutanil	113	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Naled	86.6	0.2500	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Oxamyl	114	0.5000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Paclobutrazol	105	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Permethrins	124	0.1000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	

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Lab Director



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Whole Circle Farms

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Laboratory ID: 2212135-04

Quality Control Pesticide Analysis (Continued)

Batch: B22L148 - Pest/Myco (Continued)

LCS(B22L148-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Phosmet	111	0.1000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Piperonyl butoxide	106	1.000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Prallethrin	108	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Propiconazole	112	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Propoxur	112	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Pyrethrins	115	0.5000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Pyridaben	126	0.1000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Spinosad	145	0.1000	ppm	50-150	12/22/22 16:20	12/27/22 11:56	
Spiromesifen	92.1	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Spirotetramat	116	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Spiroxamine	114	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Tebuconazole	111	0.2000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Thiacloprid	116	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Thiamethoxam	117	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Trifloxystrobin	105	0.1000	ppm	60-120	12/22/22 16:20	12/27/22 11:56	

Chris Griffey
Lab Director



Analytical Test Report

Science First. ORELAP ID: 4096 OLCC#: 010-1002112892C

7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

Pine Walker CBDV

Whole Circle Farms

AG-R10408871HG

Laboratory ID: 2212135-04

Quality Control Moisture Content

Batch: B22L143 - Moisture Content

Blank(B22L143-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.120	0.00	%		12/22/22 16:56	12/22/22 16:56	

LCS(B22L143-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	86.4	0.00	%	80-120	12/22/22 16:56	12/22/22 16:56	

Batch: B22L144 - WA

Blank(B22L144-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Water Activity	0.417	0.150	AW		12/22/22 17:25	12/22/22 17:25	Q1

LCS(B22L144-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Water Activity	93.6	0.150	AW	80-120	12/22/22 17:25	12/22/22 17:25	

Batch: B22L148 - Pest/Myco

Blank(B22L148-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Aflatoxin G2	< LOQ	0.00250	ppm		12/22/22 16:20	12/27/22 12:12	
Aflatoxin G1	< LOQ	0.00250	ppm		12/22/22 16:20	12/27/22 12:12	
Aflatoxin B2	< LOQ	0.00250	ppm		12/22/22 16:20	12/27/22 12:12	
Aflatoxin B1	< LOQ	0.00250	ppm		12/22/22 16:20	12/27/22 12:12	
Ochratoxin A	< LOQ	0.0100	ppm		12/22/22 16:20	12/27/22 12:12	
Total Aflatoxins	< LOQ	0.00250	ppm		12/22/22 16:20	12/27/22 12:12	

LCS(B22L148-BS1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Aflatoxin G2	102	0.00250	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Aflatoxin G1	95.7	0.00250	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Aflatoxin B2	92.4	0.00250	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Aflatoxin B1	95.1	0.00250	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Ochratoxin A	94.1	0.0100	ppm	60-120	12/22/22 16:20	12/27/22 11:56	
Total Aflatoxins	96.2	0.00250	ppm	60-120	12/22/22 16:20	12/27/22 11:56	

Chris Griffey
Lab Director



Analytical Test Report

Science First. ORELAP ID: 4096 OLCC#: 010-1002112892C

7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

Pine Walker CBDV

Whole Circle Farms

AG-R10408871HG

Laboratory ID: 2212135-04

Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
 - B2 Analyte detected in sample and associate method blank.
 - C Interference due to co-elution.
 - D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
 - H Non-homogenous sample matrix affecting RPD and/or QC.
 - I Manual Integration was performed.
 - L Duplicate sample relative percent difference (RPD) exceeds QC limits.
 - M Anomalous results due to matrix interference
 - P Peaks manually split.
 - Q1 QC out of limits but still oK
 - Q2 Quality Control outside QC limits. Data considered estimate.
 - Q3 CCV was above the acceptance criteria. Non-detect samples are considered acceptable.
 - Q4 CCV was below the acceptance criteria, however the sample still exceeds the regulatory limit.
 - R Marginal Exceedence.
 - U Reported result is an estimate. The analyte was detected above the calibration range.
 - X Problems with initial analysis, reported data are from reinjection of prepared sample.
- <LOQ - Results below the Limit of Quantitation - Compound not detected

A handwritten signature in black ink that reads "Chris Griffey".

Chris Griffey
Lab Director