



Certificate of Analysis

Sample: CE30414001-006
Harvest/Lot ID: CBDEXTRACT/2023
Sample Size Received: 17 gram
Ordered : 04/10/23
Sampled : 04/10/23
Completed: 04/24/23

Apr 24, 2023 | FlowerChild

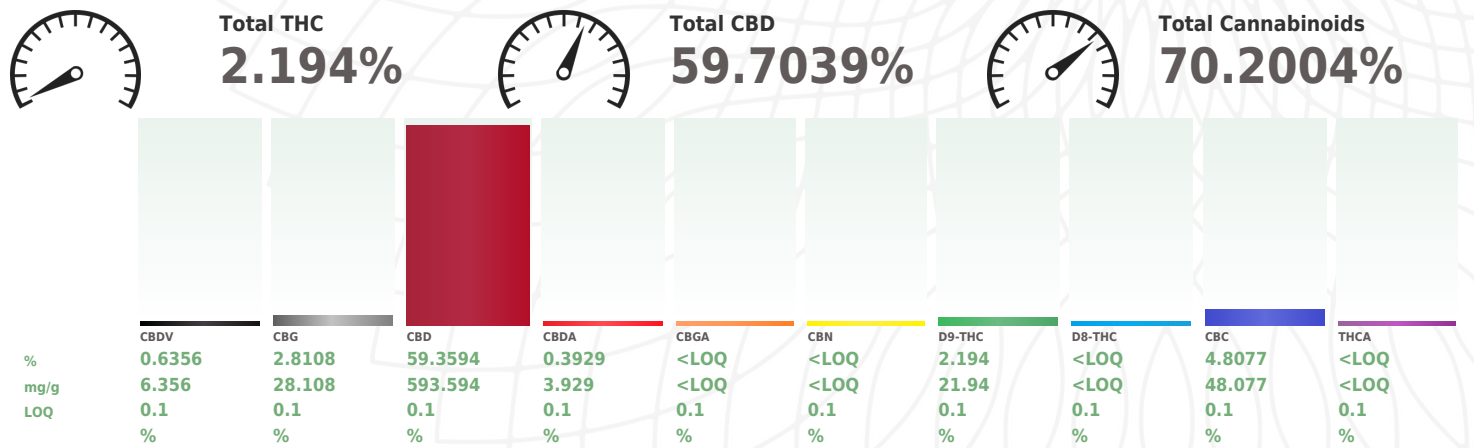
License # R&D

141 Southridge Rd
Port Angeles, WA, 98363, US

Pages 1 of 14

PRODUCT IMAGE	SAFETY RESULTS									MISC.
	 Pesticides TESTED	 Heavy Metals TESTED	 Microbials TESTED	 Mycotoxins TESTED	 Residuals Solvents TESTED	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Homogeneity Testing NOT TESTED	 Terpenes TESTED

	Cannabinoid	TESTED
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Analyzed by: 11, 12, 7, 14 Analysis Method : N/A Analytical Batch : CE002364POT Instrument Used : HPLC 2030 EID 0055 - High Concentration Analyzed Date : N/A Dilution : 800 Reagent : 031023.09; 101022.05 Consumables : 21/12/28; 080922-C; 210411; ASC000H02026BSF; 12543-225CD-225C; 042C4-042AL; 046C6-046H; 00331867-5 00333720-5 00332100-2 00331868-5 Pipette : Fisherbrand Elite 100-1000ul EID: 0179; VWR 20-200ul EID: 0182	Weight: 0.399g Extraction date: 04/18/23 15:51:03 Reviewed On : 04/20/23 12:49:04 Batch Date : 04/18/23 15:41:53 Extracted by: 12
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"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta-9-THC, delta-8-THC, THCA, CBD, CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Instrument LOQ for all cannabinoids is 0.5 ug/mL, LOQ is reported 'in matrix' and dependent on extraction parameters. FD = Field Duplicate; LOQ = Limit of Quantitation, ND= Not Detected

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Stephanie Moon

Lab Director

State License # 010-10166277B9D
ISO 17025 Accreditation # 99861



Signature
04/24/23



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Ordered : 04/10/23

Sample Size Received : 17 gram
Completed : 04/24/23 **Expires:** 04/24/24
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOQ (mg/g)	mg/g	Result	Terpenes	LOQ (mg/g)	mg/g	Result
CARVACROL	0.08	<LOQ		MENTHOL	0.08	<LOQ	
GERANYL ACETATE	0.08	<LOQ		ALPHA-PINENE	0.08	<LOQ	
(-)-A-CEDRENE	0.08	<LOQ		(1R)-(-)-FENCHONE	0.08	<LOQ	
ALPHA-HUMULENE	0.08	1.0148		ALPHA-TERPINENE	0.08	<LOQ	
VALENCENE	0.08	<LOQ		SABINENE HYDRATE	0.08	<LOQ	
TRANS-B-FARNESENE	0.08	0.3842		D-LIMONENE	0.08	<LOQ	
CEDROL	0.08	<LOQ		(1S)-(+)-3-CARENE	0.08	<LOQ	
OCIMENE	0.08	<LOQ		R-(-)-ALPHA-PHELLANDRENE	0.08	<LOQ	
BORNEOL	0.08	<LOQ		BETA-MYRCENE	0.08	0.338	
TERPINEN-4-OL	0.08	<LOQ		SABINENE	0.08	<LOQ	
CITRONELLOL	0.08	<LOQ		TERPINOLENE	0.08	<LOQ	
(R)-(+)-PULEGONE	0.08	<LOQ		LINALOOL	0.08	0.222	
FARNESOL	0.08	<LOQ		GERANIOL	0.08	<LOQ	
PHYTANE (2,6,10,14-TETRAMETHYLHEXADECANE)	0.08	<LOQ		GAMMA-TERPINENE	0.08	<LOQ	
(-)-ALPHA-THUJONE	0.08	<LOQ		1,8-CINEOLE (EUCALYPTOL)	0.08	<LOQ	
MENTHONE	0.08	<LOQ		(-)-ALPHA-BISABOLOL	0.08	1.284	
SAFRANAL	0.08	<LOQ		(-)-ISOPULEGOL	0.08	<LOQ	
OCTYL ACETATE	0.08	<LOQ		(-)-CARYOPHYLLENE OXIDE	0.08	1.112	
(-)-VERBENONE	0.08	<LOQ		CAMPHERE	0.08	<LOQ	
CITRAL	0.08	<LOQ		ISOBORNEOL	0.08	<LOQ	
(S)-(+)-CARVONE	0.08	<LOQ		NEROLIDOL	0.08	0.283	
PIPERITONE	0.08	<LOQ		(-)-GUAJOL	0.08	1.7	
ISOBORNYL ACETATE	0.08	<LOQ					
CYMELE	0.08	<LOQ					
NEROL	0.08	<LOQ					
A-TERPINEOL	0.08	0.2472					
THYMOL	0.08	<LOQ					
CAMPOR	0.08	<LOQ					
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.08	0.3472					
(-)-BETA-PINENE	0.08	<LOQ					
BETA-CARYOPHYLLENE	0.08	2.401					
Total (mg/g)				9.335			

Analyzed by: 12, 11, 14 Weight: 0.399g Extraction date: 04/21/23 10:03:04 Extracted by: 12
 Analysis Method : N/A
 Analytical Batch : CE002396TER
 Instrument Used : GCMS-TQ8040 EID:0133
 Analyzed Date : 04/20/23 13:02:52
 Dilution : 80
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Reviewed On : 04/21/23 10:09:33
 Batch Date : 04/20/23 12:36:49

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) using Method SOP.T.40.091 Terpenoid Analysis Via GC-MS. Not a TNI or ISO accredited assay.

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Stephanie Moon

Lab Director

 State License # 010-10166277B9D
 ISO 17025 Accreditation # 99861

 Signature
 04/24/23



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Sample Method : SOP Client Method

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Pesticides

TESTED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ABAMECTIN	0.25	ppm	0.5	TESTED	<LOQ	SPINOSAD	0.1	ppm	0.2	TESTED	<LOQ
ACEPHATE	0.2	ppm	0.4	TESTED	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	TESTED	<LOQ
ACEQUINOCYL	1	ppm	2	TESTED	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	TESTED	<LOQ
ACETAMIPRID	0.1	ppm	0.2	TESTED	<LOQ	SPIROXAMINE	0.2	ppm	0.4	TESTED	<LOQ
ALDICARB	0.2	ppm	0.4	TESTED	<LOQ	TEBUCONAZOLE	0.2	ppm	0.4	TESTED	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	TESTED	<LOQ	THIACLOPRID	0.1	ppm	0.2	TESTED	<LOQ
BIFENAZATE	0.1	ppm	0.2	TESTED	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	TESTED	<LOQ
BIFENTHRIN	0.1	ppm	0.2	TESTED	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	TESTED	<LOQ
BOSCALID	0.2	ppm	0.4	TESTED	<LOQ	MGK-264 *	0.1	ppm	0.2	TESTED	<LOQ
CARBARYL	0.1	ppm	0.2	TESTED	<LOQ	METHYL PARATHION *	0.1	ppm	0.2	TESTED	<LOQ
CARBOFURAN	0.1	ppm	0.2	TESTED	<LOQ	CYPERMETHRIN *	0.5	ppm	1	TESTED	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	TESTED	<LOQ	CYFLUTHRIN *	0.5	ppm	1	TESTED	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	TESTED	<LOQ	CHLORFENAPYR *	0.5	ppm	0.5	TESTED	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	TESTED	<LOQ	Analyzed by: 12, 11, 14	Weight: 0.471g	Extraction date: 04/20/23 16:25:09	Extracted by: 12		
DAMINOZIDE	0.5	ppm	1	TESTED	<LOQ	Analysis Method : N/A					
DDVP (DICHLORVOS)	0.5	ppm	1	TESTED	<LOQ	Analytical Batch : CE002406PES	Reviewed On : 04/24/23 10:00:43				
DIAZINON	0.1	ppm	0.2	TESTED	<LOQ	Instrument Used : LCMSMS 8050 EID:0081-0085	Batch Date : 04/20/23 16:21:20				
DIMETHOATE	0.1	ppm	0.2	TESTED	<LOQ	Analyzed Date : 04/20/23 16:26:35					
ETHOPROPHOS	0.1	ppm	0.2	TESTED	<LOQ	Dilution : 10					
ETOFENPROX	0.2	ppm	0.4	TESTED	<LOQ	Reagent : 030123.R02; 101022.05					
ETOXAZOLE	0.1	ppm	0.2	TESTED	<LOQ	Consumables : 21/12/28; 080922-C; 210411; ASC000H02026BSF; 12543-225CD-225C; 00331867-5					
FENOXYCARB	0.1	ppm	0.2	TESTED	<LOQ	00333720-5 00332100-2 00331868-5; 9792001					
FENPYROXIMATE	0.2	ppm	0.4	TESTED	<LOQ	Pipette : N/A					
FIPRONIL	0.2	ppm	0.4	TESTED	<LOQ	Samples prepared and quantitatively analyzed by LC-MS/MS & GC-MS/MS. Results above the action level fail Oregon state testing requirements for cannabis and hemp. LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007-0400.					
FLONICAMID	0.5	ppm	1	TESTED	<LOQ	Analyzed by: 12, 11, 14	Weight: 0.471g	Extraction date: 04/20/23 16:34:39	Extracted by: 12		
FLUDIOXONIL	0.2	ppm	0.4	TESTED	<LOQ	Analysis Method : N/A					
HEXYTHIAZOX	0.5	ppm	1	TESTED	<LOQ	Analytical Batch : CE002408VOL	Reviewed On : 04/24/23 09:49:17				
IMAZALIL	0.1	ppm	0.2	TESTED	<LOQ	Instrument Used : GCMS-TQ8040 EID:0133	Batch Date : 04/20/23 16:31:20				
IMIDACLOPRID	0.2	ppm	0.4	TESTED	<LOQ	Analyzed Date : 04/21/23 00:31:01					
KRESOXIM-METHYL	0.2	ppm	0.4	TESTED	<LOQ	Dilution : 10					
MALATHION	0.1	ppm	0.2	TESTED	<LOQ	Reagent : 030123.R02; 101022.05					
METALAXYL	0.1	ppm	0.2	TESTED	<LOQ	Consumables : 21/12/28; 080922-C; 210411; ASC000H02026BSF; 12543-225CD-225C; 00331867-5					
METHIOCARB	0.1	ppm	0.2	TESTED	<LOQ	00333720-5 00332100-2 00331868-5; 9792001					
METHOMYL	0.2	ppm	0.4	TESTED	<LOQ	Pipette : N/A					
MYCLOBUTANIL	0.1	ppm	0.2	TESTED	<LOQ	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
NALED	0.25	ppm	0.5	TESTED	<LOQ						
OXAMYL	0.5	ppm	1	TESTED	<LOQ						
PACLOBUTRAZOL	0.2	ppm	0.4	TESTED	<LOQ						
PERMETHRINS	0.1	ppm	0.2	TESTED	<LOQ						
PHOSMET	0.1	ppm	0.2	TESTED	<LOQ						
PIPERONYL BUTOXIDE	1	ppm	2	TESTED	<LOQ						
PRALLETHRIN	0.1	ppm	0.2	TESTED	<LOQ						
PROPICONAZOLE	0.2	ppm	0.4	TESTED	<LOQ						
PROPOXUR	0.1	ppm	0.2	TESTED	<LOQ						
PYRETHRINS	0.5	ppm	1	TESTED	<LOQ						
PYRIDABEN	0.1	ppm	0.2	TESTED	<LOQ						

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Stephanie Moon

Lab Director

State License # 010-10166277B9D
ISO 17025 Accreditation # 99861



Signature
04/24/23



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Completed : 04/24/23 **Expires:** 04/24/24
Sample Method : SOP Client Method

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Residual Solvents

TESTED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
1-4 DIOXANE	190	ppm	380	TESTED	<LOQ
2-BUTANOL	2500	ppm	5000	TESTED	<LOQ
2-ETHOXYETHANOL	80	ppm	160	TESTED	<LOQ
2-PROPANOL	2500	ppm	5000	TESTED	<LOQ
ACETONE	2500	ppm	5000	TESTED	<LOQ
ACETONITRILE	205	ppm	410	TESTED	<LOQ
BENZENE	1	ppm	2	TESTED	<LOQ
BUTANES	2500	ppm	5000	TESTED	<LOQ
CUMENE	35	ppm	70	TESTED	<LOQ
CYCLOHEXANE	1940	ppm	3880	TESTED	<LOQ
DICHLOROMETHANE	300	ppm	600	TESTED	<LOQ
ETHYL ACETATE	2500	ppm	5000	TESTED	<LOQ
ETHYL ETHER	2500	ppm	5000	TESTED	<LOQ
ETHYLENE GLYCOL	310	ppm	620	TESTED	<LOQ
ETHYLENE OXIDE	25	ppm	50	TESTED	<LOQ
HEPTANE	2500	ppm	5000	TESTED	<LOQ
HEXANES	15	ppm	290	TESTED	<LOQ
ISOPROPYL ACETATE	2500	ppm	5000	TESTED	<LOQ
METHANOL	1500	ppm	3000	TESTED	<LOQ
PENTANES	2500	ppm	5000	TESTED	<LOQ
PROPANE	2500	ppm	5000	TESTED	<LOQ
TETRAHYDROFURAN	360	ppm	720	TESTED	<LOQ
TOLUENE	445	ppm	890	TESTED	<LOQ
XYLENES	271	ppm	2170	TESTED	<LOQ

Analyzed by:
 12, 11, 14

Weight:
 0.018g

Extraction date:
 04/17/23 16:25:38

Extracted by:
 12

Analysis Method : Residual solvents screening is performed using GC-MS to OAR 333-007-0410 specification.

Analytical Batch : CE002356SOL

Instrument Used : GCMS-QP2020 EID:0170

Analyzed Date : 04/17/23 16:26:38

Reviewed On : 04/18/23 14:48:03

Batch Date : 04/17/23 16:09:48

Dilution : N/A

Reagent : N/A

Consumables : 428251; 21564

Pipette : N/A

Residual solvents screening is performed using GC-MS to OAR 333-007-0410 specification. *Ethanol is not an accredited analyte and not an OAR 333-007-0410 requirement; There is no action limit and is only tested and reported as a courtesy.

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<div>Microbial</div> <div>TESTED</div>						<div><div></div>Mycotoxins</div> <div>TESTED</div>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
STEC E COLI			Not Present	TESTED		TOTAL AFLATOXINS (B1, B2, G1, G2)	5	ppb	<LOQ	TESTED	20
SALMONELLA			Not Present	TESTED		AFLATOXIN B1	5	ppb	<LOQ	TESTED	20
ASPERGILLUS FLAVUS			Not Present	TESTED		AFLATOXIN B2	5	ppb	<LOQ	TESTED	20
ASPERGILLUS FUMIGATUS			Not Present	TESTED		AFLATOXIN G1	5	ppb	<LOQ	TESTED	20
ASPERGILLUS NIGER			Not Present	TESTED		AFLATOXIN G2	5	ppb	<LOQ	TESTED	20
ASPERGILLUS TERREUS			Not Present	TESTED		OCHRATOXIN A+	10	ppb	<LOQ	TESTED	20
Analized by: 14, 7	Weight: 1.1g	Extraction date: 04/19/23 11:07:58	Extracted by: 14			Analized by: 12, 11, 14	Weight: 0.471g	Extraction date: 04/20/23 16:25:09	Extracted by: 12		
Analysis Method : SOP.T.40.041, SOP.T.40.043			Reviewed On : 04/20/23 10:10:07 Batch Date : 04/19/23 10:59:47			Analysis Method : N/A			Reviewed On : 04/24/23 11:28:39 Batch Date : 04/20/23 16:25:30		
Analytical Batch : CE002373MIC						Analytical Batch : CE002407MYC					
Instrument Used : Biomerieux GENE-UP Thermocycler						Instrument Used : LCMSMS 8050 EID:0081-0085 MYCO					
Analized Date : N/A						Analized Date : 04/20/23 16:28:11					
Dilution : 15 Reagent : 032723.08; 020823.05; 032723.10; 030323.10; 032723.09; 041323.01; 032723.05; 021523.05; 101022.05; 020823.03 Consumables : 21/12/28; 210411; 210823-180; 25922049; 251760; 251760; 255193; 255662; ASC000H02026BSF; 12505-214CC-214D; 259158; 259195; 05511 7552 Pipette : Fisherbrand Elite 1-10ul EID: 0173; Fisherbrand Elite 2-20ul EID: 0174; Fisherbrand Elite 20-200ul EID: 0175; Fisherbrand Elite 20-200ul EID: 0176; Fisherbrand Elite 20-200ul EID: 0177; Fisherbrand Elite 100-1000ul EID: 0178; Fisherbrand Elite 100-1000ul EID: 0180; VWR 100-1000ul EID: 0181						Dilution : 10 Reagent : 030123.R02; 101022.05 Consumables : 21/12/28; 080922-C; 210411; ASC000H02026BSF; 12543-225CD-225C; 00331867-5 00333720-5 00332100-2 00331868-5; 9792001 Pipette : N/A Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS/MS. (Method: SOP.T.30.101.OR for Sample Preparation and SOP.T40.101.OR Procedure for Mycotoxins Quantification Using LCMS/MS. LOQ is 5.0 ppb for all targets. ND = not detected.					

Heavy Metals			TESTED		
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ARSENIC	0.1	µg/g	<LOQ	TESTED	0.2
CADMIUM	0.1	µg/g	<LOQ	TESTED	0.2
MERCURY	0.05	µg/g	<LOQ	TESTED	0.1
LEAD	0.25	µg/g	<LOQ	TESTED	0.5
Analized by: 7, 12, 14	Weight: 0.284g	Extraction date: 04/17/23 15:01:19		Extracted by: 771	
Analysis Method : SOP.T.30.081.OR, SOP.T.40.081.OR					
Analytical Batch : CE002346HEA			Reviewed On : 04/18/23 16:13:46		
Instrument Used : ICPMS-2030			Batch Date : 04/17/23 10:07:10		
Analized Date : N/A					
Dilution : N/A					
Reagent : 040423.R32; 031122.03; 031523.01; 031122.02; 101022.05					
Consumables : 210926060-C; 041C-041AL					
Pipette : VWR 20-200ul EID: 0182					
Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometry). Reported units are µg/g, in sample, (PPM). Action Levels are Oregon Heavy Metals Action Levels listed in OAR-333-007-0415 Table 8					

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POTENCY BATCH QC REPORT

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METHOD BLANK

Cannabinoid

LOQ

Result

Units

Sample Id - MB.CE002364POT

Analytical Batch - CE002364POT

Instrument Used : HPLC 2030 EID 0055 - High Concentration



LCS

Cannabinoid

LOQ

Recovery

Units

Recovery Limits

CBG	0.1	97.5	%	85-115
CBD	0.1	96.7	%	85-115
CBDA	0.1	96.3	%	85-115
CBGA	0.1	93.2	%	85-115
CBN	0.1	99.5	%	85-115
D9-THC	0.1	101.5	%	85-115
D8-THC	0.1	102.8	%	85-115
CBC	0.1	98.7	%	85-115
THCA	0.1	99.7	%	85-115

Sample Id - LCS.CE002364POT

Analytical Batch - CE002364POT

Instrument Used : HPLC 2030 EID 0055 - High Concentration




PESTICIDES BATCH QC REPORT

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METHOD BLANK

Pesticides	LOQ	Result	Units	Pesticides		LOQ	Result	Units
ABAMECTIN	0.25	<LOQ	ppm		Pesticides			
ACEPHATE	0.2	<LOQ	ppm					
ACEQUINOCYL	1	<LOQ	ppm					
ACETAMIPRID	0.1	<LOQ	ppm					
ALDICARB	0.2	<LOQ	ppm					
AZOXYSTROBIN	0.1	<LOQ	ppm					
BIFENAZATE	0.1	<LOQ	ppm					
BIFENTHRIN	0.1	<LOQ	ppm					
BOSCALID	0.2	<LOQ	ppm					
CARBARYL	0.1	<LOQ	ppm					
CARBOFURAN	0.1	<LOQ	ppm					
CHLORANTRANILIPROLE	0.1	<LOQ	ppm					
CHLORPYRIFOS	0.1	<LOQ	ppm					
CLOFENTEZINE	0.1	<LOQ	ppm					
DAMINOZIDE	0.5	<LOQ	ppm					
DDVP (DICHLORVOS)	0.5	<LOQ	ppm					
DIAZINON	0.1	<LOQ	ppm					
DIMETHOATE	0.1	<LOQ	ppm					
ETHOPROPHOS	0.1	<LOQ	ppm					
ETOFENPROX	0.2	<LOQ	ppm					
ETOXAZOLE	0.1	<LOQ	ppm					
FENOXYCARB	0.1	<LOQ	ppm					
FENPYROXIMATE	0.2	<LOQ	ppm					
FIPRONIL	0.2	<LOQ	ppm					
FLONICAMID	0.5	<LOQ	ppm					
FLUDIOXONIL	0.2	<LOQ	ppm					
HEXYTHIAZOX	0.5	<LOQ	ppm					
IMAZALIL	0.1	<LOQ	ppm					
IMIDACLOPRID	0.2	<LOQ	ppm					
KRESOXIM-METHYL	0.2	<LOQ	ppm					
MALATHION	0.1	<LOQ	ppm					
METALAXYL	0.1	<LOQ	ppm					
METHIOCARB	0.1	<LOQ	ppm					
METHOMYL	0.2	<LOQ	ppm					
MYCLOBUTANIL	0.1	<LOQ	ppm					
NALED	0.25	<LOQ	ppm					
OXAMYL	0.5	<LOQ	ppm					
PACLOBUTRAZOL	0.2	<LOQ	ppm					
PERMETHRINS	0.1	<LOQ	ppm					
PHOSMET	0.1	<LOQ	ppm					
PIPERONYL BUTOXIDE	1	<LOQ	ppm					
PRALLETHRIN	0.1	<LOQ	ppm					
PROPICONAZOLE	0.2	<LOQ	ppm					
PROPOXUR	0.1	<LOQ	ppm					
PYRIDABEN	0.1	<LOQ	ppm					
SPIROMESIFEN	0.1	<LOQ	ppm					

Analyzed by	Weight	Extraction date	Extracted By
12	0.513	04/20/23 16:25:09	12
Sample Id - MB.CE002406PES			
Analytical Batch - CE002406PES			
Instrument Used : LCMSMS 8050 EID:0081-0085			

Analyzed by	Weight	Extraction date	Extracted By
12	0.513	04/20/23 16:25:09	12
Sample Id - MB.CE002406PES			
Analytical Batch - CE002406PES			
Instrument Used : LCMSMS 8050 EID:0081-0085			

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Stephanie Moon

Lab Director



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 04/24/23



PESTICIDES BATCH QC REPORT

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<div>  LCS </div>				<div>  Pesticides </div>			
Pesticides	LOQ	Recovery	Recovery Limits	Pesticides	LOQ	Recovery	Recovery Limits
ABAMECTIN	0.25	91.8	50-150	<div> Analyzed by 12 Sample Id - LCS.CE002406PES Analytical Batch - CE002406PES Instrument Used : LCMSMS 8050 EID:0081-0085 </div>	Weight 0.516	Extraction date 04/20/23 16:25:09	Extracted By 12
ACEPHATE	0.2	89.6	60-120				
ACEQUINOCYL	1	104.4	40-160				
ACETAMIPRID	0.1	98	60-120				
ALDICARB	0.2	106.4	60-120				
AZOXYSTROBIN	0.1	103.4	60-120				
BIFENAZATE	0.1	96.7	60-120				
BIFENTHRIN	0.1	76.6	50-150				
BOSCALID	0.2	99.8	60-120				
CARBARYL	0.1	99.8	60-120				
CARBOFURAN	0.1	100.8	60-120				
CHLORANTRANILIPROLE	0.1	100.4	60-120				
CHLORPYRIFOS	0.1	87.2	60-120				
CLOFENTEZINE	0.1	100.1	60-120				
DAMINOZIDE	0.5	113.3	60-120				
DDVP (DICHLORVOS)	0.5	92.9	60-120				
DIAZINON	0.1	93.4	60-120				
DIMETHOATE	0.1	92.5	60-120				
ETHOPROPHOS	0.1	97.6	60-120				
ETOFENPROX	0.2	85.9	50-150				
ETOXAZOLE	0.1	102.1	60-120				
FENOXYCARB	0.1	102.3	60-120				
FENPYROXIMATE	0.2	93.5	60-120				
FIPRONIL	0.2	111.7	60-120				
FLONICAMID	0.5	90.9	60-120				
FLUDIOXONIL	0.2	102	50-150				
HEXYTHIAZOX	0.5	89.6	60-120				
IMAZALIL	0.1	100.1	60-120				
IMIDACLOPRID	0.2	98.9	60-120				
KRESOXIM-METHYL	0.2	100.3	60-120				
MALATHION	0.1	101.4	60-120				
METALAXYL	0.1	97.4	60-120				
METHIOCARB	0.1	99.5	60-120				
METHOMYL	0.2	105	60-120				
MYCLOBUTANIL	0.1	97.6	60-120				
NALED	0.25	93.3	50-150				
OXAMYL	0.5	88.3	60-120				
PACLOBUTRAZOL	0.2	94.5	60-120				
PERMETHRINS	0.1	81.8	50-150				
PHOSMET	0.1	95.1	50-150				
PIPERONYL BUTOXIDE	1	94.3	60-120				
PRALLETHRIN	0.1	94.4	60-120				
PROPICONAZOLE	0.2	92.2	60-120				
PROPOXUR	0.1	98.9	60-120				
PYRETHRINS	0.5	90	60-120				
PYRIDABEN	0.1	92.1	50-150				

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SOLVENT BATCH QC REPORT

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METHOD BLANK

Residual	LOQ	Result	Units
1-4 DIOXANE	190	<LOQ	ppm
2-BUTANOL	2500	<LOQ	ppm
2-ETHOXYETHANOL	80	<LOQ	ppm
2-PROPANOL	2500	<LOQ	ppm
ACETONE	2500	<LOQ	ppm
ACETONITRILE	205	<LOQ	ppm
BENZENE	1	<LOQ	ppm
CUMENE	35	<LOQ	ppm
CYCLOHEXANE	1940	<LOQ	ppm
DICHLOROMETHANE	300	<LOQ	ppm
ETHYL ACETATE	2500	<LOQ	ppm
ETHYL ETHER	2500	<LOQ	ppm
ETHYLENE GLYCOL	310	<LOQ	ppm
ETHYLENE OXIDE	25	<LOQ	ppm
HEPTANE	2500	<LOQ	ppm
ISOPROPYL ACETATE	2500	<LOQ	ppm
METHANOL	1500	<LOQ	ppm
PROPANE	2500	<LOQ	ppm
TETRAHYDROFURAN	360	<LOQ	ppm
TOLUENE	445	<LOQ	ppm

Sample Id - MB.CE002356SOL

Analytical Batch - CE002356SOL

Instrument Used : GCMS-QP2020 EID:0170



LCS

Residual	LOQ	Recovery	Units	Recovery Limits
1-4 DIOXANE	190	88.4	ppm	60-120
2-BUTANOL	2500	100.6	ppm	60-120
2-ETHOXYETHANOL	80	90.2	ppm	60-120
2-PROPANOL	2500	97.2	ppm	60-120
ACETONE	2500	95.8	ppm	60-120
ACETONITRILE	205	84.9	ppm	60-120
BENZENE	1	96.5	ppm	60-120
CUMENE	35	93.1	ppm	60-120
CYCLOHEXANE	1940	103.2	ppm	60-120
DICHLOROMETHANE	300	91.6	ppm	60-120
ETHYL ACETATE	2500	102.8	ppm	60-120
ETHYL ETHER	2500	98.2	ppm	60-120
ETHYLENE GLYCOL	310	89	ppm	60-120
HEPTANE	2500	101.8	ppm	60-120
ISOPROPYL ACETATE	2500	98.7	ppm	60-120
METHANOL	1500	90.4	ppm	60-120
TETRAHYDROFURAN	360	92.3	ppm	60-120
TOLUENE	445	98.1	ppm	60-120

Sample Id - LCS.CE002356SOL

Analytical Batch - CE002356SOL

Instrument Used : GCMS-QP2020 EID:0170



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Heavy Metal BATCH QC REPORT

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METHOD BLANK

Heavy Metal

	LOQ	Result	Units
ARSENIC	0.1	<LOQ	µg/g
CADMIUM	0.1	<LOQ	µg/g
LEAD	0.25	<LOQ	µg/g
MERCURY	0.05	<LOQ	µg/g

Sample Id - MB.CE002346HEA
Analytical Batch - CE002346HEA
Instrument Used : ICPMS-2030



LCS

Heavy Metal

	LOQ	Recovery	Units	Recovery Limits
ARSENIC	0.1	96.3	µg/g	80-115
CADMIUM	0.1	97.1	µg/g	80-115
MERCURY	0.05	95.2	µg/g	80-115
LEAD	0.25	102.2	µg/g	80-115

Sample Id - LCS.CE002346HEA
Analytical Batch - CE002346HEA
Instrument Used : ICPMS-2030



Microbial BATCH QC REPORT

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METHOD BLANK

Microbial

LOQ

Result

Units

 STEC E. COLI
 SALMONELLA
 ASPERGILLUS FLAVUS
 ASPERGILLUS FUMIGATUS
 ASPERGILLUS NIGER
 ASPERGILLUS TERREUS

 Not Present
 Not Present
 Not Present
 Not Present
 Not Present
 Not Present

Sample Id - MB.CE002373MIC

Analytical Batch - CE002373MIC

Instrument Used : Biomerieux GENE-UP Thermocycler



LCS

Microbial

LOQ

Recovery

Units

Recovery Limits

 STEC E. COLI
 SALMONELLA
 ASPERGILLUS NIGER

 Present
 Present
 Present

 Not Present
 Not Present
 Not Present

Sample Id - LCS.CE002373MIC

Analytical Batch - CE002373MIC

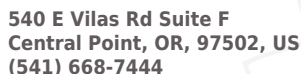
Instrument Used : Biomerieux GENE-UP Thermocycler

Stephanie Moon

Lab Director

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 04/24/23



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METHOD BLANK

volatile pesticides	LOQ	Result	Units
MGK-264	0.1	<LOQ	ppm
METHYL PARATHION	0.1	<LOQ	ppm
CYPERMETHRIN	0.5	<LOQ	ppm
CYFLUTHRIN	0.5	<LOQ	ppm
CHLORFENAPYR	0.5	<LOQ	ppm

Instrument Used : GCMS-TQ8040 EID:0133



LCS

[illegible]

Instrument Used : GCMS-TO8040 EID:0133

Step 4

Signature
04/24/23



Certificate of Analysis

FlowerChild

141 Southridge Rd
Port Angeles, WA, 98363, US
Telephone: (541) 301-1061
Email: kelly@flowerchildcbd.com
License # : R&D**Sample :** CE30414001-006
Harvest/Lot ID: CBDEXTRACT/2023**Sampled :** 04/10/23**Ordered :** 04/10/23**Sample Size Received :** 17 gram**Completed :** 04/24/23 **Expires:** 04/24/24**Sample Method :** SOP Client Method

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COMMENTS

* Mycotoxin CE30414001-006MYC

1 - Mycotoxin Batch QC Report: CE002407MYC Method Blank: Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Ochratoxin A ALL <LOQ LCS: Aflatoxin B1: 93.91% Rec. Aflatoxin B2: 94.26% Rec. Aflatoxin G1 95.08% Rec. Aflatoxin G2 96.04% Rec. Ochratoxin A 92.98% Rec.

* Cannabinoid CE30414001-006POT

1 - Potency Batch QC Report: CE002364POT Method Blank: THCA, D9THC, CBDA, CBD, D8THC: ALL <LOQ LCS: THCA: % Rec. 99.78 D9THC: % Rec. 101.58 CBDA: % Rec. 96.31 CBD:% Rec. 96.74% D8THC: % Rec. 102.86%

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