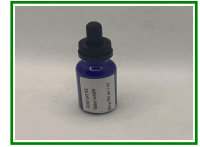


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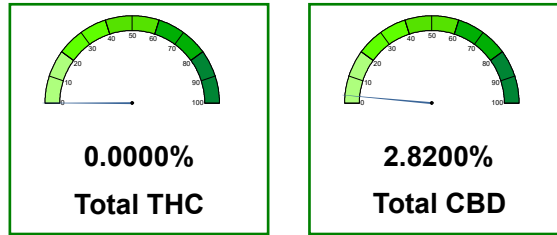


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Sample Name: Water Soluable CBD lot#: 09230006487

Date Sampled: 09/07/2023
 Date Received: 09/07/2023
 Date Reported: 09/11/2023

Potency



Cannabinoids

Date Prepared: 09/07/2023 15:31 Prep ID: 4599
 Date Analyzed: 09/08/2023 01:34 Analyst ID: 5047
 Lab Batch: 2336081

Specimen Wt: 0.10 g
 Instrument: HPLC VWD
 Prep/Analysis Method: SOP1357

Analyte	Dilution	LOD	Mass	Mass
			%	mg/g
Cannabichromene (CBC)	1.00	0.0488	ND	ND
Cannabidiol (CBD)	1.00	0.0488	2.82	28.2
Cannabidiolic acid (CBDA)	1.00	0.0488	ND	ND
Cannabidivarin (CBDV)	1.00	0.0488	ND	ND
Cannabigerol (CBG)	1.00	0.0488	ND	ND
Cannabigerolic acid (CBGA)	1.00	0.0488	ND	ND
Cannabinol (CBN)	1.00	0.0488	ND	ND
d8 - Tetrahydrocannabinoid (d8-THC)	1.00	0.0488	ND	ND
d9 - Tetrahydrocannabinoid (d9-THC)	1.00	0.0488	ND	ND
d9 - Tetrahydrocannabinolic acid (THCA)	1.00	0.0488	ND	ND
Tetrahydrocannabivarin (THCV)	1.00	0.0488	ND	ND

Total THC= THCa * 0.877 + d9-THC. Total CBD= CBDA * 0.877 + CBD.
 LOD = Limit of Detection; ND = Not Detected.
 Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
 * - Non ISO certified

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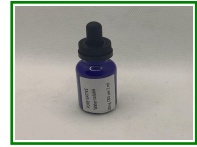
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 Laboratory Director



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 Project: Hemp R&D



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Sample Name: Water Soluable CBD lot#: 09230006487

Date Sampled: 09/07/2023
 Date Received: 09/07/2023
 Date Reported: 09/11/2023

Pesticides

Prep Method: SOP 1363

Pesticide	Batch	Instrument	Analyzed	Analyst	Extracted	ExtractedBy	Specimen Wt. (g)	Analysis SOP
Pesticide LCQQQ	2336089	LCMSMS2	9/7/2023 8:49:31PM	0754-2670	9/7/2023 3:37:00PM	4599	1.03	SOP1350
* Pesticides GCQQQ	2336090	GCMSMS2	9/8/2023 2:27:36AM	2670	9/7/2023 3:37:00PM	4599	1.03	SOP1356

Analyte	DIL	LOQ	LOD	Units	Analyte	DIL	LOQ	LOD	Units
		ppb	ppb	ppb			ppb	ppb	ppb
Abamectin	1.00	300	30	ND	Metalaxyl	1.00	3000	300	ND
Acephate	1.00	3000	300	ND	Methiocarb	1.00	100	10	ND
Acequinocyl	1.00	2000	200	ND	Methomyl	1.00	100	10	ND
Acetamiprid	1.00	3000	300	ND	Mevinphos	1.00	100	10	ND
Aldicarb	1.00	100	10	ND	Myclobutanil	1.00	3000	300	ND
Azoxystrobin	1.00	3000	300	ND	Naled	1.00	500	50	ND
Bifenazate	1.00	3000	300	ND	Oxamyl	1.00	500	50	ND
Bifenthrin	1.00	500	50	ND	Pacllobutrazol	1.00	100	10	ND
Boscalid	1.00	3000	300	ND	Permethrin	1.00	1000	100	ND
Carbaryl	1.00	500	50	ND	Phosmet	1.00	200	20	ND
Carbofuran	1.00	100	10	ND	Piperonyl butoxide	1.00	3000	300	ND
Chlorantraniliprole	1.00	3000	300	ND	Prallethrin	1.00	400	40	ND
Chloromequat Chloride	1.00	3000	300	ND	Propiconazole	1.00	1000	100	ND
Chlorpyrifos	1.00	100	10	ND	Propoxur	1.00	100	10	ND
Clofentezine	1.00	500	50	ND	Pyrethrins	1.00	1000	100	ND
Coumaphos	1.00	100	10	ND	Pyridaben	1.00	3000	300	ND
Cyfluthrin	1.00	1000	100	ND	Spinetoram, total	1.00	3000	300	ND
Cypermethrin	1.00	1000	100	ND	Spinosad, total	1.00	3000	300	ND
Daminozide	1.00	100	10	ND	Spiromesifen	1.00	3000	300	ND
Diazinon	1.00	200	20	ND	Spirotetramat	1.00	3000	300	ND
Dichlorvos	1.00	100	10	ND	Spiroxamine	1.00	100	10	ND
Dimethoate	1.00	100	10	ND	Tebuconazole	1.00	1000	100	ND
Dimethomorph	1.00	3000	300	ND	Thiacloprid	1.00	100	10	ND
Ethoprophos	1.00	100	10	ND	Thiamethoxam	1.00	1000	100	ND
Etofenprox	1.00	100	10	ND	Trifloxystrobin	1.00	3000	300	ND
Etoazole	1.00	1500	150	ND	Chlordane*	1.00	100	10	ND
Fenhexamid	1.00	3000	300	ND	Chlorfenapyr*	1.00	100	10	ND
Fenoxycarb	1.00	100	10	ND	Methyl parathion*	1.00	100	10	ND
Fenpyroximate	1.00	2000	200	ND	Pentachloronitrobenzene*	1.00	200	20	ND
Fipronil	1.00	100	10	ND					
Fonicamid	1.00	2000	200	ND					
Fludioxonil	1.00	3000	300	ND					
Hexythiazox	1.00	2000	200	ND					
Imazalil	1.00	100	10	ND					
Imidacloprid	1.00	3000	300	ND					
Kresoxim-methyl	1.00	1000	100	ND					
Malathion	1.00	2000	200	ND					

LOQ = Limit of Quantitation; LOD = Limit of Detection; ND = Not Detected.
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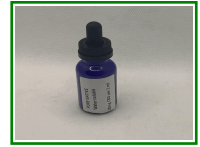
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 Laboratory Director



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 Project: Hemp R&D



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Sample Name: Water Soluable CBD lot#:
09230006487

Date Sampled: 09/07/2023
 Date Received: 09/07/2023
 Date Reported: 09/11/2023

Heavy Metals

Date Prepared: 09/07/2023 19:00 Extracted By: 1094 Specimen Wt: 0.52 g
 Date Analyzed: 09/08/2023 14:14 Analyzed By: 1094 Instrument: ICPMS
 Batch: 2336063 Prep Method: SOP 1362 Analysis Method: SOP1358

Analyte	DIL	LOQ	LOD	Mass
		ppb	ppb	ppb
Arsenic	1.00	1500	150	ND
Cadmium	1.00	500	50	ND
Lead	1.00	500	50	ND
Mercury	1.00	3000	300	ND

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Microbials

Microbials
 Date Prepared: 09/07/2023 14:49 Prep ID: 1093 Specimen Wt: 1.00 g
 Date Analyzed: 09/09/2023 17:57 Analyst ID: 6814 Instrument: qPCR
 Batch: 2336085 Analysis Method: SOP1353/1364

Analyte	LOQ	Mass
	cfu/g	cfu/g
Aspergillus Flavus		Absent in 1 gram
Aspergillus Fumigatus		Absent in 1 gram
Aspergillus Niger		Absent in 1 gram
Aspergillus Terreus		Absent in 1 gram
Salmonella		Absent in 1 gram
Shiga Toxin producing E. Coli		Absent in 1 gram

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Mycotoxins

Date Prepared: 09/07/2023 15:37 Extracted By: 4599 Specimen Wt: 1.03 g
 Date Analyzed: 09/07/2023 20:49 Analyzed By: 0754-2670 Instrument: LC/MS/MS
 Batch: 2336089 Prep Method: SOP 1363 Analysis Method: SOP 1350

Analyte	DIL	LOQ	LOD	Units
		ppb	ppb	ppb
Aflatoxin B1	1.00	20.0	2	ND
Aflatoxin B2	1.00	20.0	2	ND
Aflatoxin G1	1.00	20.0	2	ND
Aflatoxin G2	1.00	20.0	2	ND
Ochratoxin A	1.00	20.0	2	ND

LOQ = Limit of Quantitation; LOD = Limit of Detection; ND = Not Detected.
 Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Foreign Materials

Date Prepared: 09/08/2023 14:00 1150 Instrument: Visual Inspection
 Date Analyzed: 09/08/2023 14:15 1150
 Lab Batch: 2336098 Analysis Method: SOP1359

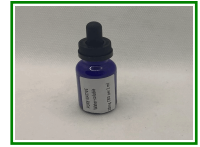
Analyte	Action Limit (% by wt)	Results
Foreign Material	1.00	ND

ND = Not Detected.
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Sample Name: Water Soluable CBD lot#: 09230006487

Date Sampled: 09/07/2023
 Date Received: 09/07/2023
 Date Reported: 09/11/2023

Residual Solvents

Date Prepared: 09/08/2023 13:54 Prep ID: 2447 Specimen Wt: 0.05 g
 Date Analyzed: 09/08/2023 15:21 Analyst ID: 2447 Instrument: GC/MS/MS
 Batch: 2336082 Analysis Method: SOP1361

Analyte	DIL	LOQ	LOD	Units	Analyte	DIL	LOQ	LOD	Units	Status
		ppm	ppm	ppm			ppm	ppm	ppm	
1,1-Dichloroethene	1.00	8.00	0.8	ND	Xylenes, total	1.00	150	15	ND	
1,2-Dichloroethane	1.00	2.00	0.2	ND	Trichloroethylene	1.00	25.0	2.5	ND	
Acetone	1.00	750	75	ND						
Acetonitrile	1.00	60.0	6	ND						
Benzene	1.00	1.00	0.1	ND						
Butane	1.00	5000	500	ND						
Chloroform	1.00	2.00	0.2	ND						
Ethyl acetate	1.00	400	40	ND						
Ethyl ether	1.00	500	50	ND						
Ethylene oxide	1.00	5.00	0.5	ND						
Heptane	1.00	5000	500	ND						
Hexane	1.00	250	25	ND						
Isopropyl alcohol	1.00	500	50	ND						
Methanol	1.00	250	25	ND						
Methylene chloride	1.00	125	12.5	ND						
Pentane	1.00	750	75	ND						
Propane	1.00	5000	500	ND						
Toluene	1.00	150	15	ND						

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 Solvents method: GC/MS.

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