Cannastar Laboratories

Lab Test - COA (Certificate of Analysis)

8899 Boston Street
Winter Park, FL 32792

Batch ID: 1D71-APL **Test ID:** 11-109 **Type:** FLOWER
Reported: 12/15/2022 **Method:** HPLC **Test:** Potency

Client Info: JUST EXOTICS
680 E 47TH ST
LOS ANGELES,
CALIFORNIA, 90011

Product Image:

Product Name: PREROLL KING THCA

Testing Profile Results

Compound LOQ (mg)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC) 0.19	NON-D	NON-D
Cannabidiolic acid (CBDA) 0.70	NON-D	NON-D
Cannabidiol (CBD) 0.39	NON-D	NON-D
Delta 8-Tetrahydrocannabinol (Delta 8THC) 0.43	NON-D	NON-D
Cannabinolic Acid (CBNA) 1.07	NON-D	NON-D
Cannabinol (CBN) 0.47	NON-D	NON-D
Cannabigerolic acid (CBGA) 0.68	NON-D	NON-D
Cannabigerol (CBG) 0.38	6.121	61.214
Tetrahydrocannabivarinic Acid (THCVA) 0.67	NON-D	NON-D
Tetrahydrocannabivarin (THCV) 0.35	NON-D	NON-D
Cannabidivarinic Acid (CBDVA) 0.65	NON-D	NON-D
Cannabidivarin (CBDV) 0.36	NON-D	NON-D
Cannabichromenic Acid (CBCA) 0.58	NON-D	NON-D
Delta 10-Tetrahydrocannabinol(Delta 10THC) 0.49	NON-D	NON-D
Hexahydrocannabinol (HHC) 0.81	NON-D	NON-D
Delta 9-Tetrahydrocannabinol-O Acetate (THC-O) 0.78	NON-D	NON-D
Tetrahydrocannabiphorol (THCA)	23.162	231.621

Total Cannabinoids

Total ACTIVE THC**
23.162 %
231.621 mg/g

Total ACTIVE CBD**
NON-D %
NON-D mg/g

Sample Information: **PREROLL**
Sample Weight: **1.2G**
Amount of Servings: **1**

Total Cannabinoids:
CBG
THCA

29.283%

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa
ND = None Detected (Defined by Dynamic Range of the method)

Laboratory Manager Check-Form

Jared Davis

Date: 12/15/2022

Testing results are based solely upon the sample submitted to Cannastar Laboratories in the condition it was received. Cannastar Laboratories warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials.

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DEA No. RA0571996
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CLIA No. 10D1094068

Delta-9 Flower
Sample Matrix: CBD/HEMP Flower & Plants (Ingestion)

Certificate of Analysis

Compliance Test

Client Information:
FIVE LEAF LABORATORIES LLC
3535 SOUTH SHERWOOD FOREST BLVD
STE 251
BATON ROUGE, LOUISIANA 70810

Batch # AACD302
Batch Date: 2023-07-10
Extracted From: Hemp

Test Reg State: Louisiana

Order # FIV230724-120001
Order Date: 2023-07-24
Sample # AAES166
Serving Number: 10.00000

Sampling Date: 2023-07-26
Lab Batch Date: 2023-07-26
Completion Date: 2023-08-03

Initial Gross Weight: 43.580 g
Net Weight: 10.280 g

Number of Units: 1
Net Weight per Package: 10280.000 mg
Net Weight per Serving: 1028 mg

Product Image

Potency **Failed**
Heavy Metals **Passed**
Pesticides **Passed**
Moisture **Tested**
Pathogenic Microbiology **Passed**
Microbiology (qPCR) **Passed**

Delta 8/Delta 10 Potency 13 - (LCUV)

Failed

Specimen Weight: 203.410 mg

SOP13.052 (LCUV)

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	1.00E-5	0.0015	194.300	19.430
CBD	5.40E-5	0.0015	27.520	2.752
CBGA	8.00E-5	0.0015	7.650	0.765
THCA-A	3.20E-5	0.0015	5.830	0.583
Delta-9 THC	1.30E-5	0.1	2.950	0.295
CBC	1.80E-5	0.0015	1.940	0.194
CBG	2.48E-4	0.0015	1.580	0.158
CBDV	6.50E-5	0.0015	<LOQ	<LOQ
CBN	1.40E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta-8 THC	2.60E-5	0.0015	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD			197.920	19.792
Total Active THC			8.060	0.806

Potency Summary

Total Delta 8 per Serving: - None Detected	Total Delta 10 per Serving: - None Detected
Delta 9 THC per Serving: 0.8063% 8.2888mg	Total Active CBD at Dry Weight per Serving: 22.763% 234.00364mg
Total CBG per Serving: 0.953% 9.7968mg	Total CBN per Serving: - None Detected
Other Cannabinoids per Serving: 0.223% 2.2924mg	Total Cannabinoids per Serving: 24.866% 255.6225mg
Total Active CBD Per Package: 22.763% 2339.9987mg	Total Active THC at Dry Weight per Serving: 0.8063% 8.2888mg
Total Active THC Per Package: 0.8063% 82.8876mg	Delta 9 THC per Package: 0.8063% 82.8876mg

Sample was oven dried before potency testing.

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria. Passed – Analyte/microbe is not detected or is at the level below the action limit per LA rule R.S., 40:4(A)(13), R.S. 3:1483, R.S. 40:604. Failed – Analyte/microbe is at the level that equal or above the action limit per LA rule R.S., 40:4(A)(13), R.S. 3:1483, R.S. 40:604 Sample not received via laboratory sampling.

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QA By: 1004 on 2023-08-03 18:32:55 V1

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721 Cortaro Dr.
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Delta-9 Flower
Sample Matrix: CBD/HEMP Flower & Plants (Ingestion)

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Initial Gross Weight: 43.580 g
Net Weight: 10.280 g

Number of Units: 1
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Net Weight per Serving: 1028 mg

Moisture

Net Weight: 10.280 g

Tested
SOP13.015 (Moisture Meter)

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	13.050

Pathogenic Microbiology - SE (MicroArray)

Specimen Weight: 1015.400 mg

Passed
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

Total Yeast and Mold

Specimen Weight: 1015.600 mg

Passed
SOP13.017 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Remark
Total Yeast/Mold	100000	<LOQ	Passed

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Net Weight per Serving: 1028 mg

Heavy Metals - LA

Specimen Weight: 255.240 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 195.894

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Arsenic (As)	.00483	0.1	10	<LOQ	Lead (Pb)	0.0058	0.1	10	<LOQ
Cadmium (Cd)	.00064	0.1	4.1	0.114	Mercury (Hg)	.01176	0.1	2	<LOQ

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Pesticides - LA

Specimen Weight: 586.800 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.560

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Abamectin	3.1800E-4	0.02823	0.3	<LOQ	Hexythiazox	6.1900E-5	0.03	2	<LOQ
Acephate	3.9632E-2	0.03	5	<LOQ	Imazalil	2.9500E-4	0.03	0	<LOQ
Acequinocyl	5.7646E-2	0.048	4	<LOQ	Imidacloprid	1.5300E-4	0.03	3	<LOQ
Acetamiprid	3.3800E-10	0.03	5	<LOQ	Kresoxim Methyl	1.4500E-4	0.03	1	<LOQ
Aldicarb	2.2744E-2	0.03	0	<LOQ	Malathion	1.3300E-4	0.03	5	<LOQ
Azoxystrobin	1.3247E-2	0.01	40	<LOQ	Metalaxyl	4.8600E-5	0.03	15	<LOQ
Bifenazate	2.1700E-8	0.03	5	<LOQ	Methiocarb	2.2810E-3	0.03	0	<LOQ
Bifenthrin	8.4200E-4	0.03	0.5	<LOQ	Methomyl	1.1500E-6	0.03	0.1	<LOQ
Boscalid	4.3300E-6	0.01	10	<LOQ	Mevinphos	4.4200E-5	0.03	0	<LOQ
Captan	6.1200E+0	0.03	10	<LOQ	Myclobutanil	7.0006E-1	0.03	9	<LOQ
Carbaryl	1.3800E-5	0.01	0.5	<LOQ	Naled	5.8500E-6	0.03	0.5	<LOQ
Chlorfenapyr	1.5370E+1	0.048	0.1	<LOQ	Oxamyl	1.6190E-3	0.03	0.2	<LOQ
Chlorpyrifos	9.0900E-5	0.03	100	<LOQ	Paclobutrazol	6.9300E-8	0.03	0	<LOQ
Clofentezine	3.7100E-7	0.03	0.5	<LOQ	Pentachloronitrobenzen(Quintozene)	4.3900E+0	0.03	0.2	<LOQ
Coumaphos	9.8600E-5	0.03	0	<LOQ	Permethrin	2.2089E-2	0.03	20	<LOQ
Cyfluthrin	2.8130E+1	0.03	1	<LOQ	Phosmet	9.6150E-3	0.03	0.2	<LOQ
Cypermethrin	1.1900E-6	0.03	1	<LOQ	Piperonylbutoxide	1.3400E-7	0.03	8	<LOQ
Daminozide	3.0408E-1	0.03	0	<LOQ	Prallethrin	1.6732E-1	0.03	0.4	<LOQ
Diazinon	3.9100E-10	0.03	0.2	<LOQ	Propiconazole	2.1300E-14	0.03	20	<LOQ
Dichlorvos	1.1406E+0	0.03	0	<LOQ	Propoxur	3.5081E-1	0.03	0	<LOQ
Dimethoate	2.8400E-6	0.03	0	<LOQ	Pyrethrins	6.2350E-3	0.03	1	<LOQ
Dimethomorph	1.5700E-4	0.03	20	<LOQ	Pyridaben	8.7500E-15	0.03	3	<LOQ
Ethoprophos	1.5900E-5	0.03	1.5	<LOQ	Spinetoram	2.3645E-2	0.03	3	<LOQ
Etofenprox	8.3050E-3	0.03	0	<LOQ	Spinosad	5.9903E-1	0.03	3	<LOQ
Etoxazole	8.3558E-1	0.03	1.5	<LOQ	Spiromesifen	3.2183E-1	0.03	12	<LOQ
Fenhexamid	1.0947E+0	0.03	10	<LOQ	Spirotetramat	4.2760E-2	0.03	13	<LOQ
Fenoxycarb	3.4507E-1	0.03	0	<LOQ	Spiroxamine	1.2172E+0	0.03	0	<LOQ
Fenpyroximate	4.4800E-7	0.03	2	<LOQ	Tebuconazole	1.4800E-14	0.02	2	<LOQ
Fipronil	2.8847E-2	0.03	0.1	<LOQ	Thiacloprid	1.1200E-5	0.03	0	<LOQ
Flonicamid	6.9733E-2	0.03	2	<LOQ	Thiamethoxam	2.2500E-6	0.03	4.5	<LOQ
Fludioxonil	1.3402E-2	0.03	30	<LOQ	Trifloxystrobin	2.1700E-13	0.03	30	<LOQ

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