PINNACLE ANALYTICS

Potency Results

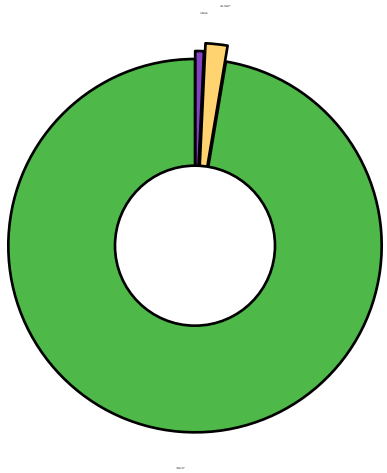
Sample Name: *ICC-A*
Client:
Client Batch ID:

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-C-109-D902
Matrix: Flower
Prep Analyst: Megan E.
Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm
Sampling Method: N/A
Reference Method: JCB 2009: HPLC/DAD
Analysis Batch: 7-20-2023 H3 101, 109, 205, 357, 375 Flower

Date Sampled: 7/19/2023
Date Reported: 7/20/2023
Client License:
2099 Emigrant Creek Rd
Ashland OR 97520
For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	22.1%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	11.7%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.261	2.61
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.208	3.08
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	24.9	209.0
Total Cannabinoids	21.5	215.0

*ORELAP Accredited Analyte
Limit Of Quantitation: 0.1%, analyte not measured

CBGA
d9-THC*
THCA*

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Report generated by Routine_Potency_Rev11_4-16-2023

Kris Ford, PhD
Lab Director

Quality Control Results

Analyst: Megan E.

Analysis Batch: *7-20-2023 H3 101, 109, 205, 357, 375 Flower*

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	Duplicate RPD		LCS % Recovery		Method Blank	
	C-0-D233-f	Limit	C-FL-072023	Limits	C-FB-072023	Limit
CBDA	1.6%	10%	103.0%	90-110%	<LOQ/2	LOQ/2
CBD	0.141%	10%	103.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	1.23%	10%	96.1%	90-110%	<LOQ/2	LOQ/2
d8-THC	0.824%	10%	97.0%	90-110%	<LOQ/2	LOQ/2
THCA	0.397%	10%	97.2%	90-110%	<LOQ/2	LOQ/2

RPD: Relative Percent Difference between unknown sample and its duplicate
LCS: Laboratory Control Sample with known concentration
Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.

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Kris Ford, PhD
Lab Director

ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com
DEA No. RA0571996
FL License # CMTL-0003
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 # AACD303
Batch Date: 2023-07-10
Extracted From: Hemp
Test Reg State: Louisiana

Order # FIV230724-120001
Order Date: 2023-07-24
Sample # AAES167
Serving Number: 10.00000
Sampling Date: 2023-07-26
Lab Batch Date: 2023-07-26
Completion Date: 2023-08-03
Initial Gross Weight: 43.845 g
Net Weight: 10.745 g
Number of Units: 1
Net Weight per Package: 10745.000 mg
Net Weight per Serving: 1074.5 mg

Moisture

Net Weight: 10.745 g

Tested
SOP13.015 (Moisture Meter)

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	13.780

Pathogenic Microbiology - SE (MicroArray)

Specimen Weight: 1028.500 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: 1022.900 mg

Passed
SOP13.017 (qPCR)

Dilution Factor: 1.000

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

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

Definitions are found on page 1

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QA By: 1004 on 2023-08-03 18:34:28 V1

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Extracted From: Hemp

Test Reg State: Louisiana

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Order Date: 2023-07-24
Sample # AAES167
Serving Number: 10.00000

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

Initial Gross Weight: 43.845 g
Net Weight: 10.745 g

Number of Units: 1
Net Weight per Package: 10745.000 mg
Net Weight per Serving: 1074.5 mg

Heavy Metals - LA

Specimen Weight: 248.700 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 201.045

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	0.109	Mercury (Hg)	.01176	0.1	2	<LOQ

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

Initial Gross Weight: 43.845 g
Net Weight: 10.745 g

Number of Units: 1
Net Weight per Package: 10745.000 mg
Net Weight per Serving: 1074.5 mg

Pesticides - LA

Specimen Weight: 613.300 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.450

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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