



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20240809-045
Sample: CA240905-004-005
60mg BSO + Beta
Strain: 60mg BSO + Beta
Category: Ingestible
Type: Other

Cypress Hemp
Lic. #
N/A
San Diego, CA 92121
Lic. #

Batch#: 1404
Batch Size Collected:
Total Batch Size:
Collected: 08/12/2024; Received: 08/12/2024
Completed: 11/07/2024

Moisture NT Water Activity NT	Δ9-THC ND	CBD 54.52 mg/unit	Total Cannabinoids 56.41 mg/unit	Sum of Cannabinoids 56.41 mg/unit	Total Terpenes 4.193 mg/g
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Summary

Batch
Cannabinoids
Terpenes

SOP Used

POT-PREP-004 High
TERP-PREP-001

Date Tested

08/09/2024
08/12/2024

Complete
Complete
Complete



Scan to see results

Cannabinoid Profile

1 Unit = softrgel, 0.525 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.1841	0.0614	ND	ND	ND	CBGa	0.2669	0.0890	ND	ND	ND
Δ9-THC	0.0794	0.0265	ND	ND	ND	CBG	0.0915	0.0305	0.193	1.93	1.01
Δ8-THC	0.0824	0.0275	ND	ND	ND	CBN	0.1112	0.0371	0.119	1.19	0.62
THCV	0.0714	0.0238	ND	ND	ND	Total THC			ND	ND	ND
CBDa	0.0880	0.0293	ND	ND	ND	Total CBD			10.38	103.85	54.52
CBD	0.0755	0.0252	10.385	103.85	54.52	Total			10.75	107.45	56.41
CBDV	0.0741	0.0247	0.049	0.49	0.26	Sum of Cannabinoids			10.75	107.45	56.41
CBC	0.2221	0.0740	ND	ND	ND						

Total THC=THCa * 0.877 + d9-THC + d8-THC; Total CBD = CBDa * 0.877 + CBD. Total Cannabinoids=(Acidic Cannabinoids)*0.877+Non-acidic Cannabinoids; Sum of Cannabinoids=Acidic Cannabinoids+Non-acidic Cannabinoids. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005),Moisture:Moisture Analyzer(MOISTURE-001),Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

Terpene Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
β-Caryophyllene	0.608	0.197	0.3909	3.909	δ-3-Carene	0.306	0.014	ND	ND
α-Humulene	0.151	0.010	0.0284	0.284	δ-Limonene	0.306	0.096	ND	ND
α-Bisabolol	0.201	0.067	ND	ND	Eucalyptol	0.215	0.072	ND	ND
α-Cedrene	0.151	0.041	ND	ND	Fenchol	0.152	0.011	ND	ND
α-Pinene	0.151	0.026	ND	ND	Fenchone	0.151	0.007	ND	ND
α-Terpinene	0.151	0.040	ND	ND	γ-Terpinene	0.152	0.029	ND	ND
α-Terpineol	0.154	0.016	ND	ND	Geraniol	0.609	0.108	ND	ND
β-Eudesmol	0.154	0.050	ND	ND	Geranyl Acetate	0.151	0.032	ND	ND
β-Myrcene	0.153	0.016	ND	ND	Isoborneol	0.151	0.020	ND	ND
β-Pinene	0.306	0.024	ND	ND	Linalool	0.154	0.029	ND	ND
Borneol	0.154	0.023	ND	ND	Menthol	0.151	0.033	ND	ND
Camphene	0.151	0.020	ND	ND	(-)-Guaiaol	0.253	0.084	ND	ND
Camphor	0.306	0.062	ND	ND	Pulegone	0.165	0.055	ND	ND
Caryophyllene Oxide	0.602	0.064	ND	ND	p-Cymene	0.155	0.038	ND	ND
Cedrol	0.151	0.039	ND	ND	Terpinolene	0.154	0.021	ND	ND
cis-Nerolidol	0.281	0.094	ND	ND	trans-Nerolidol	0.170	0.057	ND	ND
Citronellol	0.598	0.138	ND	ND	Total			0.4193	4.193

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



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Josh M Swider

Josh Swider
Lab Director, Managing Partner
11/07/2024

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Certificate of Analysis

Compliance Test

Client Information:

CYPRESS HEMP LLC
10771 Perkins Rd
Suite A
BATON ROUGE, LA 70810

Batch # 1404
Batch Date: 2024-08-02
Extracted From: Hemp

Test Reg State: Louisiana

Order # CYP240802-020001
Order Date: 2024-08-02
Sample # AAFV254
Net Weight per Serving: 522.6 mg

Sampling Date: 2024-08-22
Lab Batch Date: 2024-08-22
Completion Date: 2024-08-26
Serving Number: 30.00000

Initial Gross Weight: 93.978 g
Net Weight: 15.678 g

Number of Units: 1
Net Weight per Package: 15678.000 mg
Sampling Method: MSP 7.3.1



Microbiology TYM (Petrifilm/Plating) - LA

Specimen Weight: 1005.200 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)
Yeast/Mold	10000

Passed

SOP13.003 (Petrifilm)



Pathogenic Microbiology - SE (MicroArray)

Specimen Weight: 1014.100 mg

Dilution Factor: 1.000

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

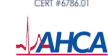
Passed

SOP13.019
(Micro Array)

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

Definitions are found on page 1

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Heavy Metals - LA

Specimen Weight: 245.940 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 203.302

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	<LOQ	Mercury (Hg)	.01176	0.1	2	<LOQ



Residual Solvents - LA (CBD)

Specimen Weight: 18.400 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	500	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	10	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	1	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	800	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	NA	<LOQ	Toluene	0.0009	2.92	1	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	1	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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

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Completion Date: 2024-08-26
Serving Number: 30.00000

Initial Gross Weight: 93.978 g
Net Weight: 15.678 g

Number of Units: 1
Net Weight per Package: 15678.000 mg
Sampling Method: MSP 7.3.1

Pesticides - LA
Specimen Weight: 609.290 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.460

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Abamectin	4.3500E-4	0.009	0.3	<LOQ	Hexythiazox	4.5000E-5	0.0096	2	<LOQ
Acephate	4.6700E-4	0.0096	5	<LOQ	Imazalil	6.3900E-4	0.0096	0	<LOQ
Acequinocyl	8.0100E-4	0.0096	4	<LOQ	Imidacloprid	1.5900E-4	0.0096	3	<LOQ
Acetamiprid	8.0000E-5	0.0096	5	<LOQ	Kresoxim Methyl	2.6800E-4	0.0096	1	<LOQ
Aldicarb	1.2400E-4	0.0096	0	<LOQ	Malathion	4.1000E-4	0.0096	5	<LOQ
Azoxystrobin	6.8300E-4	0.0096	40	<LOQ	Metalaxyl	7.4900E-4	0.0096	15	<LOQ
Bifenazate	8.2000E-5	0.0096	5	<LOQ	Methiocarb	9.9000E-5	0.0096	0	<LOQ
Bifenthrin	1.2100E-4	0.0096	0.5	<LOQ	Methomyl	1.2100E-4	0.0096	0.1	<LOQ
Boscalid	1.5300E-4	0.0096	10	<LOQ	methyl-Parathion	3.0650E-3	0.0096	0	<LOQ
Captan	8.9660E-3	0.048	5	<LOQ	Mevinphos	1.3700E-3	0.0096	0	<LOQ
Carbaryl	1.1800E-4	0.0096	0.5	<LOQ	Myclobutanil	5.7100E-4	0.0096	9	<LOQ
Carbofuran	1.7800E-4	0.0096	0	<LOQ	Naled	8.3000E-5	0.0096	0.5	<LOQ
Chlorantraniliprole	5.2000E-5	0.0096	40	<LOQ	Oxamyl	1.2300E-4	0.0096	0.2	<LOQ
Chlorfenapyr	3.1210E-3	0.0096	0.1	<LOQ	Paclobutrazol	1.2300E-4	0.0096	0	<LOQ
Chlorpyrifos	2.7100E-4	0.0096	0	<LOQ	Pentachloronitrobenzen (Quintozene)	5.1400E-3	0.0096	0.2	<LOQ
Clofentezine	1.1900E-4	0.0096	0.5	<LOQ	Permethrin	7.1800E-4	0.0096	20	<LOQ
Coumaphos	1.2900E-4	0.0096	0	<LOQ	Phosmet	3.0100E-4	0.0096	0.2	<LOQ
Cyfluthrin	7.7300E-3	0.048	1	<LOQ	Piperonylbutoxide	2.1700E-4	0.0096	8	<LOQ
Cypermethrin	8.8700E-4	0.0096	1	<LOQ	Prallethrin	1.3650E-3	0.0096	0.4	<LOQ
Daminozide	1.7970E-3	0.0096	0	<LOQ	Propiconazole	2.5900E-4	0.0096	20	<LOQ
Diazinon	1.3280E-3	0.0096	0.2	<LOQ	Propoxur	1.4700E-4	0.0096	0	<LOQ
Dichlorvos	4.6500E-4	0.0096	0	<LOQ	Pyrethrins	2.5600E-4	0.0014	1	<LOQ
Dimethoate	3.6600E-4	0.0096	0	<LOQ	Pyridaben	5.9000E-5	0.0096	3	<LOQ
Dimethomorph	2.7200E-4	0.0096	20	<LOQ	Spinetoram	3.4600E-4	0.0096	3	<LOQ
Ethoprophos	1.9200E-4	0.0096	0	<LOQ	Spinosad	2.8000E-5	0.00239	3	<LOQ
Etofenprox	1.1600E-4	0.0096	0	<LOQ	Spiromesifen	2.9100E-4	0.0096	12	<LOQ
Etoxazole	5.7000E-4	0.0096	1.5	<LOQ	Spirotetramat	1.4100E-4	0.0096	13	<LOQ
Fenhexamid	1.0110E-3	0.0096	10	<LOQ	Spiroxamine	1.1900E-4	0.0096	0	<LOQ
Fenoxycarb	1.6900E-4	0.0096	0	<LOQ	Tebuconazole	1.3400E-4	0.0096	2	<LOQ
Fenpyroximate	1.3900E-4	0.0096	2	<LOQ	Thiacloprid	3.9700E-4	0.0096	0	<LOQ
Fipronil	6.0500E-4	0.0096	0.1	<LOQ	Thiamethoxam	1.0400E-4	0.0096	4.5	<LOQ
Flonicamid	1.2800E-4	0.0096	2	<LOQ	Trifloxystrobin	8.8000E-5	0.0096	30	<LOQ
Fludioxonil	5.2100E-4	0.0096	30	<LOQ					

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