

Certificate of Analysis

Produced: Nov 12, 2025

Sample: Five Full Spectrum Knock Out, High Potency Sleep Gummy, Blackberry, 50mgCBD/5mgTHC, 20ct (Edible Solid) • Client: Five CBD • Batch: Pass



Batch No.: 251024-56250
Matrix: Edible Solid
Sample ID: ICC-251106-17-001
Collected on: Nov 06, 2025
Received on: Nov 06, 2025
Batch Size:
Sample Size:
Package Size: 90.54 g
Serving Size: 4.53 g

Batch Result: Pass

Potency	Tested	Microbial	Pass
Alkaloids	Tested	Mycotoxins	Pass
Additives	Tested	Pesticides	Pass
Terpenes	Tested	Foreign	Pass
Solvents	Pass	Water Activity	Pass
Metals	Pass		

Cannabinoid Overview

Δ ⁹ -THC:	5.75 mg/srv
CBD:	56.2 mg/srv
Total Cannabinoids:	70.7 mg/srv
Sum of Cannabinoids:	70.6 mg/srv
Sum of Terpenes:	2.42 mg/srv

POT-INST-005: POT-INST-005: Potency • Nov 07, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	2.75	55.0	0.0607	0.607	0.0272/0.0815	N/A	CBT			ND	ND	0.0118/0.0412	N/A
CBD	56.2	1120	1.24	12.4	0.00831/0.0412	N/A	Δ ⁸ -THC			ND	ND	0.00666/0.0412	N/A
CBDA			ND	ND	0.0199/0.0596	N/A	Δ ⁹ -THC	5.75	115	0.127	1.27	0.0110/0.0412	N/A
CBDV	0.228	4.56	0.00504	0.0504	0.00659/0.0412	N/A	THCA			ND	ND	0.0151/0.0453	N/A
CBG	4.29	85.7	0.0947	0.947	0.00938/0.0412	N/A	THCV			ND	ND	0.00509/0.0412	N/A
CBGA			ND	ND	0.0146/0.0440	N/A	Total THC**	5.75	115	0.127	1.27		N/A
CBL			ND	ND	0.00648/0.0412	N/A	Total CBD**	56.2	1120	1.24	12.4		N/A
CBN	1.43	28.6	0.0316	0.316	0.00938/0.0412	N/A	Total Cannabinoids**	70.6	1410	1.56	15.6		N/A

** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)
** Total THC = Delta-9-THC + (THCA x 0.877)
** Total CBD = CBD + (CBDA x 0.877)
NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope*
*Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.

L-Theanine • Nov 10, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
L-Theanine	109	2170	2.40	0.0603/0.919
Compliance requirements for this test are taken from No Compliance regulations.				

SUPP-006: SUPP-006: Melatonin • Nov 10, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Melatonin	3.00	60.0	0.0663	0.00795/0.0886
Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.				

TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Nov 10, 2025

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
Total Terpenes	0.0535	0.535		Camphene	ND	ND	0.000494/0.00371
Limonene	0.0456	0.456	0.00236/0.00750	Camphor	ND	ND	0.00151/0.00749
γ-Terpinene	0.00183	0.0183	0.000718/0.00372	Caryophyllene Oxide	ND	ND	0.00157/0.0148
β-Myrcene	0.00142	0.0142	0.000386/0.00376	Cedrol	ND	ND	0.000961/0.00371
β-Pinene	0.00119	0.0119	0.000578/0.00749	cis-Nerolidol	ND	ND	0.00230/0.00689
Linalool	0.00105	0.0105	0.000721/0.00378	Δ ³ -Carene	ND	ND	0.000347/0.00749
α-Terpineol	0.000946	0.00946	0.000387/0.00379	Eucalyptol	ND	ND	0.00176/0.00527
Geranyl Acetate	0.000922	0.00922	0.000791/0.00371	Fenchol	ND	ND	0.000269/0.00372
α-Pinene	0.000499	0.00499	0.000637/0.00371	Fenchone	ND	ND	0.000168/0.00371
(-)-β-Citronellol	ND	ND	0.00339/0.0147	Geraniol	ND	ND	0.00265/0.0149
α-Bisabolol	ND	ND	0.00164/0.00492	Guaiol	ND	ND	0.00207/0.00622
α-Cedrene	ND	ND	0.00101/0.00371	Isoborneol	ND	ND	0.000490/0.00371
α-Humulene	ND	ND	0.000250/0.00371	Menthol	ND	ND	0.000802/0.00371
α-Terpinene	ND	ND	0.000979/0.00371	p-Cymene	ND	ND	0.000924/0.00379
β-Caryophyllene	ND	ND	0.00483/0.0149	Pulegone	ND	ND	0.00135/0.00404
β-Eudesmol	ND	ND	0.00123/0.00379	Terpinolene	ND	ND	0.000510/0.00379
Borneol	ND	ND	0.000568/0.00379	trans-Nerolidol	ND	ND	0.00139/0.00416
Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.							

Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Utah Residual Solvents by GC-MS • Nov 10, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dimethoxyethane	100	ND	6.00/18.0	Pass	Ethyl acetate	5000	ND	14.3/42.8	Pass
1,4-Dioxane	380	ND	12.9/38.6	Pass	Ethylbenzene		ND	3.50/10.5	N/A
1-Butanol	5000	ND	3.10/9.40	Pass	Ethylene glycol	620	ND	3.40/10.3	Pass
1-Pentanol	5000	ND	10.0/29.9	Pass	Ethylene oxide	50	ND	6.50/19.6	Pass
2,2-Dimethylbutane	290	ND	0.900/2.60	Pass	Ethyl ether	5000	ND	6.80/20.4	Pass
2,3-Dimethylbutane	290	ND	0.900/2.80	Pass	Heptane	5000	ND	0.400/1.20	Pass
2-Butanol	5000	ND	9.60/28.7	Pass	Hexane	290	ND	0.500/1.50	Pass
2-Butanone	5000	ND	7.20/21.6	Pass	Isopropyl acetate	5000	ND	4.10/12.4	Pass
2-Ethoxyethanol	160	ND	3.90/11.6	Pass	Methanol	3000	ND	18.4/55.3	Pass
2-Methylbutane	5000	ND	0.700/2.00	Pass	Methylpropane	5000	ND	10.2/30.7	Pass
2-Methylpentane	290	ND	9.10/27.2	Pass	N,N-Dimethylacetamide	1090	ND	269/807	Pass
2-Propanol	5000	ND	11.5/34.6	Pass	N,N-Dimethylformamide	880	ND	2.70/8.20	Pass
3-Methylpentane	290	ND	7.40/22.1	Pass	Pentane	5000	ND	0.800/2.50	Pass
Acetone	5000	ND	8.20/24.7	Pass	Propane	5000	ND	7.90/23.8	Pass
Acetonitrile	410	ND	8.40/25.1	Pass	Propanol	5000	ND	7.00/21.0	Pass
Benzene	2	ND	0.400/1.10	Pass	Pyridine	100	ND	19.6/58.6	Pass
Butane	5000	ND	9.60/28.7	Pass	Sulfolane	160	ND	22.9/68.7	Pass
Cumene	70	ND	8.30/25.0	Pass	Tetrahydrofuran	720	ND	6.20/18.6	Pass
Cyclohexane	3880	ND	8.40/25.3	Pass	Toluene	890	ND	0.400/1.20	Pass
Dichloromethane	600	ND	4.00/11.9	Pass	o-Xylene		ND	8.80/26.3	N/A
Dimethyl sulfoxide	5000	ND	8.40/25.2	Pass	p- and m-Xylene		ND	1.60/4.90	N/A
Ethanol	5000	ND	4.80/14.4	Pass	Total xylenes + Ethylbenzene	2170	ND		Pass
Compliance requirements for this test are taken from UT Hemp regulations.									

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Nov 07, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	0.00300/0.00900	Pass	Lead	0.5	ND	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass
Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.									



MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Nov 07, 2025

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Salmonella spp.	Any amt in 1 gram	ND	Pass	Shiga toxin-producing E. coli	Any amt in 1 gram	ND	Pass
Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.							

PCR-Staphylococcus aureus/Pseudomonas aeruginosa • Nov 07, 2025

Analyte	Limit	Amt (CFU/g)	Pass/Fail	Analyte	Limit	Amt (CFU/g)	Pass/Fail
Pseudomonas aeruginosa		ND	N/A	Staphylococcus aureus		ND	N/A
Compliance requirements for this test are taken from CO Hemp regulations.							

MICR-001, MICR-003: MICR-001, MICR-003: Petrifilm-Aerobic • Nov 12, 2025

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Aerobic Bacteria	10000	ND	Pass
Compliance requirements for this test are taken from CO Hemp regulations.			

MICR-004, MICR-006: MICR-004, MICR-006: Petrifilm-Rapid Yeast & Mold • Nov 12, 2025

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Yeast & Mold	1000	ND	Pass
Compliance requirements for this test are taken from CO Hemp regulations.			

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Nov 10, 2025

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	2.60/7.88	N/A	Aflatoxin G2		ND	1.89/5.72	N/A
Aflatoxin B2		ND	2.04/6.18	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	2.97/8.99	N/A	Ochratoxin A	20	ND	3.87/11.7	Pass

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Nov 10, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan	5	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0145/0.0435	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.2	ND	0.0182/0.0545	Pass
Cyfluthrin	1	ND	0.0186/0.0558	Pass					

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.



PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Nov 10, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.3	ND	0.0500/0.100	Pass	Imazalil	Any amt	ND	0.0156/0.0474	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Imidacloprid	3	ND	0.0235/0.0711	Pass
Acequinocyl	4	ND	0.0194/0.0587	Pass	Kresoxim-methyl	1	ND	0.0125/0.0379	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Malathion	5	ND	0.0117/0.0354	Pass
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Metalaxyl	15	ND	0.0101/0.0306	Pass
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Bifenazate	5	ND	0.0115/0.0349	Pass	Methomyl	0.1	ND	0.0158/0.0479	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Boscalid	10	ND	0.0197/0.0596	Pass	Myclobutanil	9	ND	0.0180/0.0546	Pass
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Naled	0.5	ND	0.0170/0.0514	Pass
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Chlorantraniliprole	40	ND	0.0209/0.0632	Pass	Paclobutrazol	Any amt	ND	0.0132/0.0400	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Diazinon	0.2	ND	0.00645/0.0300	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Pyrethrins	1	ND	0.00431/0.0300	Pass
Dimethomorph	20	ND	0.0137/0.0416	Pass	Pyridaben	3	ND	0.0115/0.0350	Pass
Ethoprophos	Any amt	ND	0.0174/0.0528	Pass	Spinetoram	3	ND	0.00639/0.0300	Pass
Etofenprox	Any amt	ND	0.00849/0.0300	Pass	Spinosad	3	ND	0.00410/0.0300	Pass
Etoxazole	1.5	ND	0.00783/0.0300	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Tebuconazole	2	ND	0.0144/0.0437	Pass
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Flonicamid	2	ND	0.0268/0.0811	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Fludioxonil	30	ND	0.0153/0.0464	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass
Hexythiazox	2	ND	0.0257/0.0778	Pass					

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

Water Activity by Water Activity Meter • Nov 07, 2025

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.633	Pass

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.



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