

Certificate of Analysis

Produced: Sep 09, 2025

Sample: CBG Isolate (Concentrate)

Batch: Pass



Batch No.:
Matrix: Concentrate
Sample ID:
Collected on: Sep 09, 2025
Received on: Sep 09, 2025
Sample Size: 15 g

Batch Result: Pass

Potency	Tested
Solvents	Pass
Metals	Tested
Mycotoxins	Tested
Pesticides	Tested

Cannabinoid Overview

Total THC:	0.000 %
Total CBD:	0.253 %
Total Cannabinoids:	99.5 %
Sum of Cannabinoids:	99.5 %

POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Potency

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	ND	ND	0.341/1.02	N/A	CBT	0.212	2.12	0.148/0.517	N/A
CBD	0.253	2.53	0.104/0.517	N/A	Δ ⁸ -THC	ND	ND	0.0836/0.517	N/A
CBDA	ND	ND	0.250/0.748	N/A	Δ ⁹ -THC	ND	ND	0.138/0.517	N/A
CBDV	ND	ND	0.0827/0.517	N/A	THCA	ND	ND	0.190/0.569	N/A
CBG	99.0	990	0.118/0.517	N/A	THCV	ND	ND	0.0638/0.517	N/A
CBGA	ND	ND	0.184/0.552	N/A	Total THC**	ND	ND		N/A
CBL	ND	ND	0.0814/0.517	N/A	Total CBD**	0.253	2.53		N/A
CBN	ND	ND	0.118/0.517	N/A	Total Cannabinoids**	99.5	995		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.

Results Certified By: David Marelus PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Sep 09, 2025

RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Sep 09, 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-Dichloroethane	1	ND	0.167/0.508	Pass	Hexane	290	163	0.0659/0.281	Pass
Acetone	5000	ND	17.1/51.2	Pass	Isopropyl alcohol	5000	ND	1.28/3.83	Pass
Acetonitrile	410	ND	0.120/0.358	Pass	Methanol	3000	ND	2.97/8.90	Pass
Benzene	1	ND	0.0210/0.0638	Pass	Methylene chloride	1	ND	0.127/0.728	Pass
Butane	5000	ND	0.969/4.84	Pass	Pentane	5000	ND	0.960/4.26	Pass
Chloroform	1	ND	0.0359/0.108	Pass	Propane	5000	ND	4.43/13.3	Pass
Ethanol	5000	ND	2.61/7.83	Pass	Toluene	890	ND	0.0879/0.863	Pass
Ethyl acetate	5000	ND	0.312/2.28	Pass	Trichloroethylene	1	ND	0.0180/0.145	Pass
Ethylene oxide	1	ND	0.153/0.578	Pass	o-Xylene		ND	0.101/0.856	N/A
Ethyl ether	5000	ND	1.18/3.54	Pass	p- and m-Xylene		ND	0.115/1.71	N/A
Heptane	5000	ND	0.686/2.85	Pass	Total xylenes	2170	ND		Pass

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Sep 09, 2025

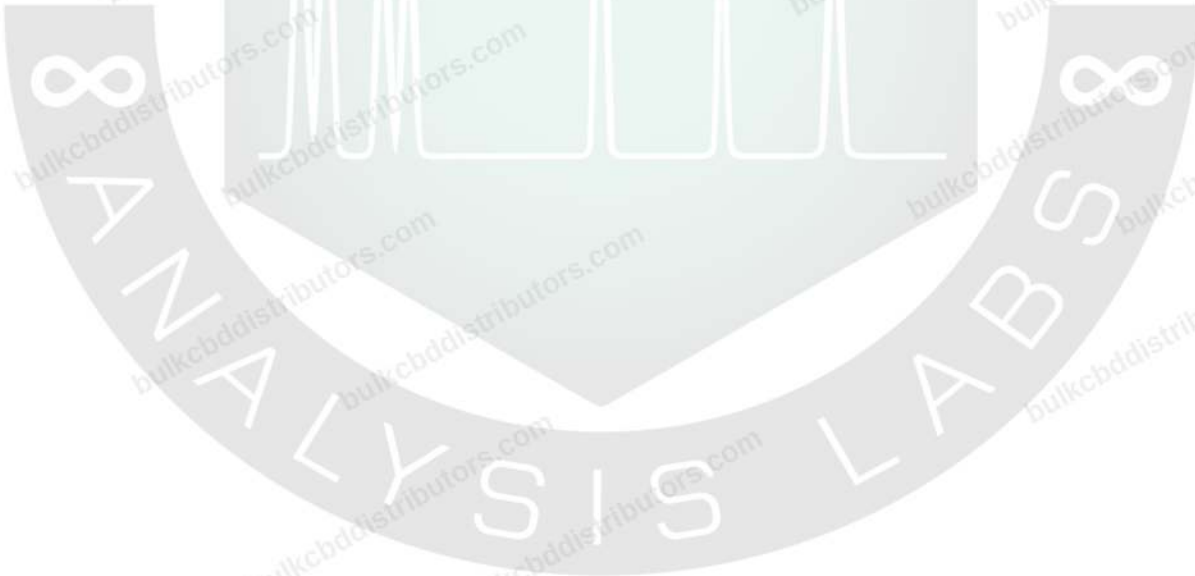
Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Lead		< LOQ	0.00100/0.00400	N/A	Cadmium		ND	0.00100/0.00200	N/A
Arsenic		< LOQ	0.00300/0.00900	N/A	Mercury		ND	0.00500/0.0140	N/A

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Sep 09, 2025

Analyte	Limit	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	2.96/8.98	N/A	Aflatoxin G2		ND	2.07/6.26	N/A
Aflatoxin B2		ND	3.36/10.2	N/A	Ochratoxin A		ND	4.41/13.4	N/A
Aflatoxin G1		ND	1.73/5.25	N/A					

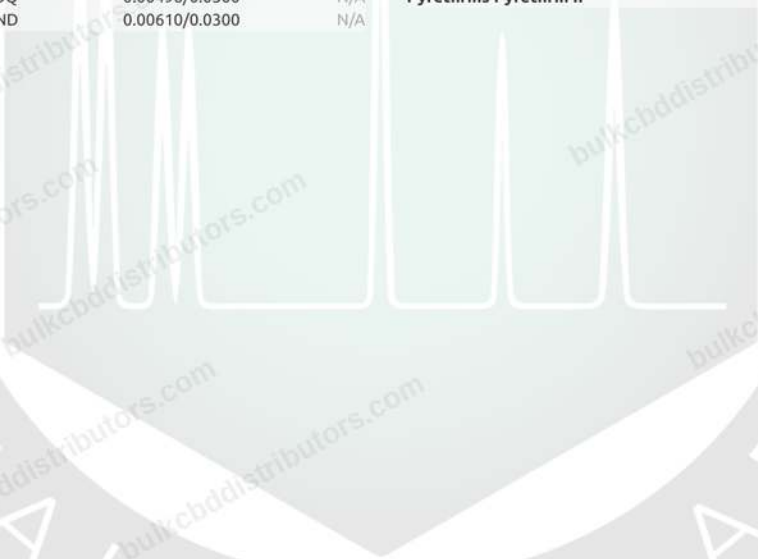
PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Sep 09, 2025

Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan		ND	0.120/0.358	N/A	Cypermethrin		ND	0.0602/0.181	N/A
Chlordane		ND	0.0249/0.0747	N/A	Methyl parathion		ND	0.00811/0.0243	N/A
Cyfluthrin		ND	0.0186/0.0558	N/A	Pentachloronitrobenzene		ND	0.0182/0.0545	N/A
Chlorfenapyr		ND	0.0251/0.0753	N/A					



PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Sep 09, 2025

Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Naled		ND	0.00849/0.0300	N/A	Fludioxonil		ND	0.0119/0.0362	N/A
Oxamyl		ND	0.00746/0.0300	N/A	Hexythiazox		ND	0.00124/0.0300	N/A
Phosmet		ND	0.00511/0.0300	N/A	Prallethrin		ND	0.0235/0.0711	N/A
Acephate		ND	0.00743/0.0300	N/A	Spiroxamine		ND	0.00555/0.0300	N/A
Aldicarb		ND	0.00838/0.0300	N/A	Thiacloprid		ND	0.00506/0.0300	N/A
Boscalid		ND	0.00809/0.0300	N/A	Abamectin Ba		ND	0.0330/0.0990	N/A
Carbaryl		ND	0.00604/0.0300	N/A	Azoxystrobin		ND	0.00530/0.0300	N/A
Diazinon		ND	0.00475/0.0300	N/A	Chlorpyrifos		ND	0.0152/0.0460	N/A
Fipronil		ND	0.0165/0.0500	N/A	Clofentezine		ND	0.00206/0.0300	N/A
Imazalil		ND	0.00898/0.0300	N/A	Dimethomorph		ND	0.00454/0.0300	N/A
Methomyl		ND	0.00879/0.0300	N/A	Imidacloprid		ND	0.0109/0.0331	N/A
Propoxur		ND	0.00780/0.0300	N/A	Myclobutanil		ND	0.00707/0.0300	N/A
Coumaphos		ND	0.00393/0.0300	N/A	Spinetoram J		ND	0.00500/0.0100	N/A
Etoxazole		ND	0.00365/0.0300	N/A	Spinetoram L		ND	0.00500/0.0100	N/A
Malathion		ND	0.00313/0.0300	N/A	Spiromesifen		ND	0.00894/0.0300	N/A
Metalaxyl		< LOQ	0.00467/0.0300	N/A	Tebuconazole		ND	0.00605/0.0300	N/A
Mevinphos		ND	0.00772/0.0300	N/A	Thiamethoxam		ND	0.00760/0.0300	N/A
Pyridaben		ND	0.00231/0.0300	N/A	Fenpyroximate		ND	0.00396/0.0300	N/A
Bifenazate		ND	0.00706/0.0300	N/A	Paclubutrazol		ND	0.00851/0.0300	N/A
Bifenthrin		< LOQ	0.00439/0.0300	N/A	Propiconazole		ND	0.00909/0.0300	N/A
Carbofuran		ND	0.00538/0.0300	N/A	Spirotetramat		ND	0.00808/0.0300	N/A
Daminozide		ND	0.0176/0.0534	N/A	Permethrin cis		ND	0.0200/0.0300	N/A
Dichlorvos		ND	0.0182/0.0550	N/A	Kresoxim-methyl		ND	0.00708/0.0300	N/A
Dimethoate		ND	0.00592/0.0300	N/A	Trifloxystrobin		ND	0.00293/0.0300	N/A
Etofenprox		ND	0.00437/0.0300	N/A	Permethrin trans		ND	0.0200/0.0300	N/A
Fenhexamid		ND	0.0113/0.0342	N/A	Piperonylbutoxide		ND	0.00267/0.0300	N/A
Fenoxycarb		ND	0.00415/0.0300	N/A	Chlorantraniliprole		ND	0.00883/0.0300	N/A
Flonicamid		ND	0.0115/0.0350	N/A	Pyrethrins Cinerin I		ND		N/A
Methiocarb		ND	0.00245/0.0300	N/A	Pyrethrins Cinerin II		ND		N/A
Spinosad A		ND	0.00500/0.0100	N/A	Pyrethrins Jasmolin I		ND		N/A
Spinosad D		ND	0.00500/0.0100	N/A	Pyrethrins Jasmolin II		ND		N/A
Acequinocyl		ND	0.0150/0.0456	N/A	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Acetamiprid		< LOQ	0.00496/0.0300	N/A	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Ethoprophos		ND	0.00610/0.0300	N/A					



Results Certified By: David Marelius PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Sep 09, 2025