

Certificate of Analysis

Produced: Nov 14, 2025

Sample: Gummies - CBG:THC - 30:2.5mg (Edible Solid) • Client: Rare Cannabinoid Company • Batch: Pass



Batch No.: 4534
Matrix: Edible Solid
Sample ID: ICC-251014-18-001
Collected on: Oct 14, 2025
Received on: Oct 14, 2025
Sample Size:
Package Size: 45.38 g
Serving Size: 4.54 g

Batch Result: Pass			
Potency	Tested	Mycotoxins	Pass
Solvents	Pass	Pesticides	Pass
Metals	Pass	Foreign	Pass
Microbial	Pass	Water Activity	Pass

Cannabinoid Overview	
Total THC:	2.67 mg/srv
Total CBD:	10.4 mg/srv
Total Cannabinoids:	46.3 mg/srv
Sum of Cannabinoids:	46.1 mg/srv

POT-INST-005: POT-INST-005: Potency • Oct 15, 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			ND	ND	0.00307/0.00921	N/A	CBT			ND	ND	0.00133/0.00465	N/A
CBD	10.4	104	0.229	2.29	0.000939/0.00465	N/A	Δ ⁸ -THC	0.126	1.26	0.00277	0.0277	0.000752/0.00465	N/A
CBDA			ND	ND	0.00225/0.00673	N/A	Δ ⁹ -THC	2.55	25.5	0.0561	0.561	0.00124/0.00465	N/A
CBDV	0.0518	0.517	0.00114	0.0114	0.000744/0.00465	N/A	THCA			ND	ND	0.00171/0.00512	N/A
CBG	33.0	329	0.726	7.26	0.00106/0.00465	N/A	THCV			ND	ND	0.000574/0.00465	N/A
CBGA			ND	ND	0.00165/0.00497	N/A	Total THC**	2.67	26.7	0.0589	0.589		N/A
CBL			ND	ND	0.000732/0.00465	N/A	Total CBD**	10.4	104	0.229	2.29		N/A
CBN			ND	ND	0.00106/0.00465	N/A	Total Cannabinoids**	46.1	461	1.02	10.2		N/A

** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)
** Total THC = Delta-10-THC + Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + THC-O-acetate + (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.

RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Oct 14, 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	0.139/0.424	Pass	Hexane	290	ND	0.0550/0.234	Pass
Acetone	5000	ND	14.2/42.7	Pass	Isopropyl alcohol	5000	ND	1.07/3.20	Pass
Acetonitrile	410	ND	0.0999/0.299	Pass	Methanol	3000	ND	2.48/7.43	Pass
Benzene	1	ND	0.0175/0.0532	Pass	Methylene chloride	1	ND	0.106/0.607	Pass
Butane	5000	ND	0.809/4.04	Pass	Pentane	5000	ND	0.801/3.56	Pass
Chloroform	1	ND	0.0300/0.0899	Pass	Propane	5000	ND	3.69/11.1	Pass
Ethanol	5000	ND	2.18/6.53	Pass	Toluene	890	ND	0.0733/0.720	Pass
Ethyl acetate	5000	32.4	0.261/1.91	Pass	Trichloroethylene	1	ND	0.0150/0.121	Pass
Ethylene oxide	1	ND	0.127/0.482	Pass	o-Xylene		ND	0.0839/0.714	N/A
Ethyl ether	5000	ND	0.985/2.95	Pass	p- and m-Xylene		ND	0.0961/1.43	N/A
Heptane	5000	ND	0.572/2.38	Pass	Total xylenes	2170	ND		Pass

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Oct 17, 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	0.0299	0.00300/0.00900	Pass	Lead	0.5	< LOQ	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass

MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Oct 15, 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

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Nov 14, 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

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Nov 14, 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					



PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Nov 14, 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	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Methomyl	0.1	ND	0.0158/0.0479	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Acetquinocyl	4	ND	0.0194/0.0587	Pass	Myclobutanil	9	ND	0.0180/0.0546	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Naled	0.5	ND	0.0170/0.0514	Pass
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Paclobutrazol	Any amt	ND	0.0132/0.0400	Pass
Bifenazate	5	ND	0.0115/0.0349	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Boscalid	10	ND	0.0197/0.0596	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Chlorantraniliprole	40	ND	0.0209/0.0632	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Pyrethrins	1	ND	0.00431/0.0300	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Pyrethrins Cinerin I		ND		N/A
Diazinon	0.2	ND	0.00645/0.0300	Pass	Pyrethrins Cinerin II		ND		N/A
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Pyrethrins Jasmolin I		ND		N/A
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Pyrethrins Jasmolin II		ND		N/A
Dimethomorph	20	ND	0.0137/0.0416	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Ethoprophos	Any amt	ND	0.0174/0.0528	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Etofenprox	Any amt	ND	0.00849/0.0300	Pass	Pyridaben	3	ND	0.0115/0.0350	Pass
Etoxazole	1.5	ND	0.00783/0.0300	Pass	Spinetoram	3	ND	0.00639/0.0300	Pass
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Spinosad	3	ND	0.00410/0.0300	Pass
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Flonicamid	2	ND	0.0268/0.0811	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fludioxonil	30	ND	0.0153/0.0464	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Hexythiazox	2	ND	0.0257/0.0778	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Imazalil	Any amt	ND	0.0156/0.0474	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Imidacloprid	3	ND	0.0235/0.0711	Pass	Tebuconazole	2	ND	0.0144/0.0437	Pass
Kresoxim-methyl	1	ND	0.0125/0.0379	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Malathion	5	ND	0.0117/0.0354	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Metalaxyl	15	ND	0.0101/0.0306	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass

Water Activity by Water Activity Meter • Nov 13, 2025

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.563	Pass



[Signature]