

Certificate of Analysis

Produced: May 21, 2025

Sample: Rapid Relief Gel - THC + CBG + CBD (Topical) • Client: Rare Cannabinoid Company • Batch: Pass



Batch No.: 4511
Matrix: Topical
Sample ID: ICC-250516-14-001
Collected on: May 16, 2025
Received on: May 16, 2025
Sample Size:
Received By: Stephanie Paule
Package Size: 108.46 g

Batch Result: Pass

Potency	Tested	Mycotoxins	Pass
Solvents	Pass	Pesticides	Pass
Metals	Pass	Foreign	Pass
Microbial	Pass		

Cannabinoid Overview

Total THC:	192 mg/pkg
Total CBD:	456 mg/pkg
Total Cannabinoids:	1130 mg/pkg
Sum of Cannabinoids:	1130 mg/pkg

POT-INST-005: POT-INST-005: Potency

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
CBC	ND	ND	0.0277/0.0832	N/A	THCA	ND	ND	0.0154/0.0463	N/A
CBD	0.420 %	4.2 mg/g	0.00848/0.0420	N/A	THCV	ND	ND	0.00519/0.0420	N/A
CBDA	ND	ND	0.0203/0.0608	N/A	Total THC**	0.177 %	1.8 mg/g		N/A
CBDV	ND	ND	0.00673/0.0420	N/A	Total CBD**	0.420 %	4.2 mg/g		N/A
CBG	0.445 %	4.5 mg/g	0.00958/0.0420	N/A	CBD/Pkg	456 mg			N/A
CBGA	ND	ND	0.0150/0.0449	N/A	Δ ⁹ -THC/Pkg	178 mg			N/A
CBL	ND	ND	0.00662/0.0420	N/A	Total THC/Pkg**	192 mg			N/A
CBN	ND	ND	0.00958/0.0420	N/A	Total CBD/Pkg**	456 mg			N/A
CBT	ND	ND	0.0120/0.0420	N/A	Total Cannabinoids**	1.04 %	10 mg/g		N/A
Δ ⁸ -THC	0.0126 %	0.13 mg/g	0.00680/0.0420	N/A	Total Cannabinoids/Pkg**	1130 mg			N/A
Δ ⁹ -THC	0.164 %	1.6 mg/g	0.0112/0.0420	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-PREP-001, RS-INST-003: RS-PREP-001, RS-INST-003: Residual Solvents by GC-MS • May 20, 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	0.165/0.502	Pass	Hexane	290	ND	0.0651/0.277	Pass
Acetone	5000	ND	16.8/50.5	Pass	Isopropyl alcohol		19.2	1.26/3.79	N/A
Acetonitrile	410	4.70	0.118/0.354	Pass	Methanol	3000	< LOQ	2.93/8.79	Pass
Benzene	1	ND	0.0207/0.0630	Pass	Methylene chloride	1	ND	0.125/0.719	Pass
Butane	5000	ND	0.958/4.78	Pass	Pentane	5000	ND	0.949/4.21	Pass
Chloroform	1	ND	0.0355/0.107	Pass	Propane	5000	ND	4.37/13.1	Pass
Ethanol		ND	2.58/7.73	N/A	Toluene	890	ND	0.0868/0.852	Pass
Ethyl acetate	5000	3.84	0.309/2.26	Pass	Trichloroethylene	1	ND	0.0178/0.143	Pass
Ethylene oxide	1	ND	0.151/0.571	Pass	o-Xylene		ND	0.0993/0.845	N/A
Ethyl ether	5000	ND	1.17/3.50	Pass	p- and m-Xylene		ND	0.114/1.69	N/A
Heptane	5000	ND	0.677/2.82	Pass	Total xylenes	2170	ND		Pass

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • May 19, 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

MICRO-PREP-001, MICRO-INST-001: MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (inhalable) • May 20, 2025

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Aspergillus flavus	ND	N/A	Aspergillus terreus	ND	N/A
Aspergillus fumigatus	ND	N/A	Salmonella spp.	ND	Pass
Aspergillus niger	ND	N/A	Shiga toxin-producing E. coli	ND	Pass

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • May 21, 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	1.94/5.88	N/A	Aflatoxin G2		ND	1.54/5.00	N/A
Aflatoxin B2		ND	2.65/8.04	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	3.91/11.9	N/A	Ochratoxin A	20	ND	4.78/14.5	Pass

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • May 20, 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-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • May 21, 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	Malathion	5	ND	0.00673/0.0300	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Metalaxyl	15	ND	0.00467/0.0300	Pass
Acephate	5	ND	0.00629/0.0300	Pass	Methiocarb	Any amt	ND	0.00956/0.0300	Pass
Acequinocyl	4	ND	0.0280/0.0848	Pass	Methomyl	0.1	ND	0.0105/0.0318	Pass
Acetamiprid	5	ND	0.00718/0.0300	Pass	Mevinphos	Any amt	ND	0.0133/0.0404	Pass
Aldicarb	Any amt	ND	0.00997/0.0302	Pass	Myclobutanil	9	ND	0.00963/0.0300	Pass
Azoxystrobin	40	ND	0.00400/0.0300	Pass	Naled	0.5	ND	0.0116/0.0350	Pass
Bifenazate	5	ND	0.00787/0.0300	Pass	Oxamyl	0.2	ND	0.0103/0.0311	Pass
Bifenthrin	0.5	ND	0.0162/0.0490	Pass	Paclobutrazol	Any amt	ND	0.0111/0.0337	Pass
Boscalid	10	ND	0.0106/0.0321	Pass	Permethrin	20	ND	0.00396/0.0300	Pass
Carbaryl	0.5	ND	0.00614/0.0300	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Carbofuran	Any amt	ND	0.00384/0.0300	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Chlorantraniliprole	40	ND	0.00657/0.0300	Pass	Phosmet	0.2	ND	0.00807/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.0108/0.0327	Pass	Piperonylbutoxide	8	ND	0.00869/0.0300	Pass
Clofentezine	0.5	ND	0.00595/0.0300	Pass	Prallethrin	0.4	ND	0.0204/0.0618	Pass
Coumaphos	Any amt	ND	0.00712/0.0300	Pass	Propiconazole	20	ND	0.0210/0.0637	Pass
Daminozide	Any amt	ND	0.0190/0.0576	Pass	Propoxur	Any amt	ND	0.00656/0.0300	Pass
Diazinon	0.2	ND	0.0271/0.0821	Pass	Pyrethrins	1	ND	0.00357/0.0300	Pass
Dichlorvos	Any amt	ND	0.0168/0.0508	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Dimethoate	Any amt	ND	0.00906/0.0300	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Dimethomorph	20	ND	0.0102/0.0308	Pass	Pyridaben	3	ND	0.00834/0.0300	Pass
Ethoprophos	Any amt	ND	0.00586/0.0300	Pass	Spinetoram	3	ND	0.00317/0.0300	Pass
Etofenprox	Any amt	ND	0.00642/0.0300	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Etoxazole	1.5	ND	0.00498/0.0300	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenhexamid	10	ND	0.0147/0.0444	Pass	Spinosad	3	ND	0.00302/0.0300	Pass
Fenoxycarb	Any amt	ND	0.0111/0.0335	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Fenpyroximate	2	ND	0.00952/0.0300	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fipronil	Any amt	ND	0.00568/0.0300	Pass	Spiromesifen	12	ND	0.0103/0.0311	Pass
Flonicamid	2	ND	0.0181/0.0548	Pass	Spirotetramat	13	ND	0.00992/0.0301	Pass
Fludioxonil	30	ND	0.0192/0.0583	Pass	Spiroxamine	Any amt	ND	0.00395/0.0300	Pass
Hexythiazox	2	ND	0.0217/0.0657	Pass	Tebuconazole	2	ND	0.0213/0.0645	Pass
Imazalil	Any amt	ND	0.00937/0.0300	Pass	Thiacloprid	Any amt	ND	0.00348/0.0300	Pass
Imidacloprid	3	ND	0.0231/0.0700	Pass	Thiamethoxam	4.5	ND	0.00914/0.0300	Pass
Kresoxim-methyl	1	ND	0.00982/0.0300	Pass	Trifloxystrobin	30	ND	0.00378/0.0300	Pass



Signature