



# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20240328-023  
 Sample: CA240328-007-022  
 Rare Cannabinoid Company - Rapid Relief Gel (Full Spectrum)  
 Strain: Rare Cannabinoid Company - Rapid Relief Gel (Full Spectrum)  
 Category: Topical  
 Type: Other

Rare Cannabinoid Company  
 Lic. #  
 PO Box 61242  
 Honolulu, HI 96839  
 Lic. #

Batch#: 4479  
 Batch Size Collected:  
 Total Batch Size:  
 Collected: 04/04/2024; Received: 04/04/2024  
 Completed: 04/04/2024

Moisture NT Water Activity NT	Δ9-THC <b>400.24 mg/unit</b>	CBD <b>1,004.52 mg/unit</b>	Total Cannabinoids <b>2,428.46 mg/unit</b>	Total Terpenes NT
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Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-005	03/29/2024	Complete
Residual Solvents	RS-PREP-001	04/02/2024	Pass
Microbials	MICRO-PREP-001		Complete
Mycotoxins	PESTMICO-LC-PREP-001	04/01/2024	Pass
Heavy Metals	HM-PREP-001	04/02/2024	Pass
Foreign Matter	FM-PREP-001	03/28/2024	Pass
Pesticides	PESTMICO-LC-PREP-001 / PEST-GC-PREP-001	04/02/2024	Pass



Scan to see results

## Cannabinoid Profile

1 Unit = container, 258.25 g. 1 mL = 1.033 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit
THCa	0.0481	0.0160	ND	ND	ND	ND	CBGa	0.0414	0.0100	ND	ND	ND	ND
Δ9-THC	0.0414	0.0122	0.155	1.55	1.60	400.24	CBG	0.0414	0.0056	0.396	3.96	4.09	1023.70
Δ8-THC	0.0414	0.0066	ND	ND	ND	ND	CBN	0.0414	0.0089	ND	ND	ND	ND
THCV	0.0414	0.0053	ND	ND	ND	ND	<b>Total THC</b>			<b>0.15</b>	<b>1.55</b>	<b>1.60</b>	<b>400.24</b>
CBDa	0.0532	0.0177	ND	ND	ND	ND	<b>Total CBD</b>			<b>0.39</b>	<b>3.89</b>	<b>4.02</b>	<b>1004.52</b>
CBD	0.0414	0.0055	0.389	3.89	4.02	1004.52	<b>Total</b>			<b>0.94</b>	<b>9.40</b>	<b>9.71</b>	<b>2428.46</b>
CBDV	0.0414	0.0062	ND	ND	ND	ND							
CBC	0.0425	0.0142	ND	ND	ND	ND							

Total THC=THCa \* 0.877 + d9-THC + d8-THC + d8-THC; Total CBD = CBDa \* 0.877 + CBD. 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
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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  
 04/04/2024

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.



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## Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status						
1,2-Dichloro-Ethane	µg/g	µg/g	µg/g	µg/g	Acetone	µg/g	µg/g	µg/g	µg/g						
Benzene	ND	0.3	0.1	1	Pass	ND	51.246	3.144	5000	Pass					
Chloroform	ND	0.154	0.0514	1	Pass	ND	1.723	0.574	410	Pass					
Ethylene Oxide	ND	0.971	0.324	1	Pass	ND	8.36	2.787	5000	Pass					
Methylene-Chloride	ND	2.602	0.867	1	Pass	ND	5.814	1.938	5000	Pass					
Trichloroethene	ND	0.2	0.067	1	Pass	ND	2.288	0.329	5000	Pass					
					ND	2.869	0.901	5000	Pass	n-Hexane	ND	0.729	0.179	290	Pass
					ND	2.859	0.748	5000	Pass	Acetonitrile	ND	0.335	0.112	5000	Pass
										Butane	ND	7.739	2.58	3000	Pass
										Ethanol	ND	5.212	1.737	5000	Pass
										Ethyl-Acetate	ND	31.953	10.651	5000	Pass
										Ethyl-Ether	ND	0.864	0.069	890	Pass
										Heptane	ND	2.572	0.444	2170	Pass

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## Heavy Metal Screening

	LOQ	LOD	Limit	Status	
Arsenic	µg/g	µg/g	µg/g	µg/g	
Cadmium	ND	0.009	0.003	1.5	Pass
Lead	ND	0.002	0.001	0.5	Pass
Mercury	ND	0.004	0.001	0.5	Pass
	ND	0.014	0.005	1.5	Pass

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

## Microbiological Screening

	Limit	Result	Status
Aspergillus flavus	CFU/g	CFU/g	CFU/g
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
STEC		NR	NT
Salmonella SPP		NR	NT

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



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## Chemical Residue Screening

Category 1	LOQ	LOD	Status	Mycotoxins	LOQ	LOD	Limit	Status		
	µg/g	µg/g	µg/g		µg/kg	µg/kg	µg/kg			
Aldicarb	ND	0.030	0.010	Pass	B1	ND	5.88	1.94	Tested	
Carbofuran	ND	0.030	0.004	Pass	B2	ND	8.04	2.65	Tested	
Chlordane	ND	0.075	0.025	Pass	G1	ND	11.85	3.91	Tested	
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5	1.54	Tested	
Chlorpyrifos	ND	0.033	0.011	Pass	Ochratoxin A	ND	14.49	4.78	20	Pass
Coumaphos	ND	0.030	0.007	Pass	Total Aflatoxins	ND		20	Pass	
Daminozide	ND	0.058	0.019	Pass						
Dichlorvos	ND	0.051	0.017	Pass						
Dimethoate	ND	0.030	0.009	Pass						
Ethoprophos	ND	0.030	0.006	Pass						
Etofenprox	ND	0.030	0.006	Pass						
Fenoxycarb	ND	0.034	0.011	Pass						
Fipronil	ND	0.030	0.006	Pass						
Imazalil	ND	0.030	0.009	Pass						
Methiocarb	ND	0.030	0.010	Pass						
Mevinphos	ND	0.040	0.013	Pass						
Paclbutrazol	ND	0.034	0.011	Pass						
Parathion Methyl	ND	0.024	0.008	Pass						
Propoxur	ND	0.030	0.007	Pass						
Spiroxamine	ND	0.030	0.004	Pass						
Thiacloprid	ND	0.030	0.003	Pass						

Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status		
	µg/g	µg/g	µg/g	µg/g		µg/g	µg/g	µg/g	µg/g		
Abamectin	ND	0.044	0.014	0.3	Pass	Kresoxim Methyl	ND	0.030	0.010	1	Pass
Acephate	ND	0.030	0.006	5	Pass	Malathion	ND	0.030	0.007	5	Pass
Acequinocyl	ND	0.085	0.028	4	Pass	Metalaxyl	ND	0.030	0.005	15	Pass
Acetamiprid	ND	0.030	0.007	5	Pass	Methomyl	ND	0.032	0.010	0.1	Pass
Azoxystrobin	ND	0.030	0.004	40	Pass	Myclobutanil	ND	0.030	0.010	9	Pass
Bifenazate	ND	0.030	0.008	5	Pass	Naled	ND	0.035	0.012	0.5	Pass
Bifenthrin	ND	0.049	0.016	0.5	Pass	Oxamyl	ND	0.031	0.010	0.3	Pass
Boscalid	ND	0.032	0.011	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Captan	ND	0.358	0.120	5	Pass	Permethrin	ND	0.030	0.004	20	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass	Phosmet	ND	0.030	0.008	0.2	Pass
Chlorantraniliprole	ND	0.030	0.007	40	Pass	Piperonyl Butoxide	ND	0.030	0.009	8	Pass
Clofentezine	ND	0.030	0.006	0.5	Pass	Prallethrin	ND	0.062	0.020	0.4	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Propiconazole	ND	0.064	0.021	20	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Pyrethrins	ND	0.030	0.004	1	Pass
Diazinon	ND	0.082	0.027	0.2	Pass	Pyridaben	ND	0.030	0.008	3	Pass
Dimethomorph	ND	0.031	0.010	20	Pass	Spinetoram	ND	0.030	0.003	3	Pass
Etoxazole	ND	0.030	0.005	1.5	Pass	Spinosad	ND	0.030	0.003	3	Pass
Fenhexamid	ND	0.044	0.015	10	Pass	Spiromesifen	ND	0.031	0.010	12	Pass
Fenpyroximate	ND	0.030	0.010	2	Pass	Spirotetramat	ND	0.030	0.010	13	Pass
Flonicamid	ND	0.055	0.018	2	Pass	Tebuconazole	ND	0.065	0.021	2	Pass
Fludioxonil	ND	0.058	0.019	30	Pass	Thiamethoxam	ND	0.030	0.009	4.5	Pass
Hexythiazox	ND	0.066	0.022	2	Pass	Trifloxystrobin	ND	0.030	0.004	30	Pass
Imidacloprid	ND	0.070	0.023	3	Pass						

### Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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