Certificate of Analysis

State of FL OMMU License Number: CMTL-006
ISO/IEC 17025 ACCREDITATION # 109150

Rare Cannabinoids Company
PO Box 61242
Honolulu, HI 96839
Tel (808) 762-1313

Seed to Sale: N/A
Retail Batch#: No6139
Cultivar: N/A
Cultivation Facility: N/A
Processing Facility: N/A
Sampling: SOP 21

COMPLIANCE FOR RETAIL

Sample Name:Rare Cannabinoids Unflavored Pet Tincture 4498

Lab Sample ID: F501090-01
Retail Batch Total Wt/Vol: N/A
Retail Batch Date: N/A
Matrix: Aqueous / Liquid
Retail Batch Total Units: N/A
Total Wt, Vol or Unit Sampled: 3

Date Sampled: 01/10/2025
Date Received: 01/10/2025
Date Reported: 01/22/2025

Terpenes	Heavy Metals	Foreign Materials	Microbiology	Mycotoxins	Residual Solvents	Pesticides	Moisture Content	Water Activity
Not Tested	Pass	Pass	Pass	Pass	Pass	Pass	Not Tested	Not Tested

Total Cannabinoids
1.63%

Major Cannabinoids

Total CBD	Total THC
1.47%	ND%
14.7 mg/g	ND mg/g
441.00 mg/unit	ND mg/unit

Minor Cannabinoids *

CBD	CBG
1.47%	0.155%
14.7 mg/g	1.55 mg/g
441.00 mg/unit	46.50 mg/unit

* Most abundant

Potency (as Received)

Cannabinoids

Unit Size: 30ml Servings per Unit: 1

Date Prepared: 01/16/25 09:40
Date Analyzed: 01/16/25 15:14
Lab Batch: B25A011
Prep ID: TL
Analyst ID: DH
Specimen Prep: 0.2621 g / 10 mL
Instrument: HPLC
Prep/Analysis Method: ACCU LAB SOP15

Analyte	Dilution	LOQ	Results		
		%	%	mg/Serving	mg/unit
Cannabichromene (CBC)	10	0.0382	ND	ND	ND
Cannabichromenic acid (CBCA)	10	0.0382	ND	ND	ND
Cannabidiol (CBD)	10	0.0382	1.47	441.00	441.00
Cannabidiolic acid (CBDA)	10	0.0382	ND	ND	ND
Cannabidivarin (CBDV)	10	0.0382	ND	ND	ND
Cannabidivarinic acid (CBDVA)	10	0.0382	ND	ND	ND
Cannabigerol (CBG)	10	0.0382	0.155	46.50	46.50
Cannabigerolic acid (CBGA)	10	0.0382	ND	ND	ND
Cannabinol (CBN)	10	0.0382	ND	ND	ND
delta-8-Tetrahydrocannabinol (delta-8-THC)	10	0.0382	ND	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THC)	10	0.0382	ND	ND	ND
delta-9-Tetrahydrocannabinolic acid (THCA)	10	0.0382	ND	ND	ND
Tetrahydrocannabivarin (THCV)	10	0.0382	ND	ND	ND
Tetrahydrocannabivarinic acid (THCVA)	10	0.0382	ND	ND	ND

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Date Reported: 01/22/2025

Pesticides

Date Prepared: 01/16/25 14:30
Date Analyzed: 01/17/25 20:17
Batch: B24I038
Prep ID: TL
Analyst ID: AJ
Specimen Prep: 0.2552 mL / 10 mL
Instrument: LC/MS/MS
Prep Method: LAB SOP 8 Analysis Method: ACCU LAB SOP18

Pass

Analyte	DIL	Action Limit	LOQ	Results	Status	Analyte	DIL	Action Limit	LOQ	Results	Status
		ng/mL	ng/mL	ng/mL				ng/mL	ng/mL	ng/mL	
Abamectin	10	300	20	ND	Pass	Imidacloprid	10	3000	20	ND	Pass
Acephate	10	3000	20	ND	Pass	Kresoxim methyl	10	1000	20	ND	Pass
Acequinocyl	10	2000	20	ND	Pass	Malathion	10	2000	20	ND	Pass
Acetamiprid	10	3000	20	ND	Pass	Metalaxyl	10	3000	20	ND	Pass
Aldicarb	10	100	20	ND	Pass	Methiocarb	10	100	20	ND	Pass
Azoxystrobin	10	3000	20	ND	Pass	Methomyl	10	100	20	ND	Pass
Bifenazate	10	3000	20	ND	Pass	Mevinphos	10	100	20	ND	Pass
Bifenthrin	10	500	20	ND	Pass	Myclobutanil	10	3000	20	ND	Pass
Boscalid	10	3000	20	ND	Pass	Naled	10	500	20	ND	Pass
Carbaryl	10	500	20	ND	Pass	Oxamyl	10	500	20	ND	Pass
Carbofuran	10	100	20	ND	Pass	Paclobutrazol	10	100	20	ND	Pass
Chlorantraniliprole	10	3000	20	ND	Pass	Permethrin	10	1000	20	ND	Pass
Chlorfenapyr	10	100	20	ND	Pass	Phosmet	10	200	20	ND	Pass
Chlormequat	10	3000	20	ND	Pass	Piperonyl butoxide	10	3000	20	ND	Pass
Chlorpyrifos	10	100	20	ND	Pass	Prallethrin	10	400	20	ND	Pass
Clofentezine	10	500	20	ND	Pass	Propiconazole	10	1000	20	ND	Pass
Coumaphos	10	100	20	ND	Pass	Propoxur	10	100	20	ND	Pass
Cyfluthrin	10	1000	20	ND	Pass	Pyrethrins	10	1000	20	ND	Pass
Cypermethrin	10	1000	20	ND	Pass	Pyridaben	10	3000	20	ND	Pass
Daminozide	10	100	20	ND	Pass	Spinetoram J	10	3000	20	ND	Pass
Diazinon	10	200	20	ND	Pass	Spinetoram L	10	3000	20	ND	Pass
Dichlorvos	10	100	20	ND	Pass	Spinosyn A	10	3000	20	ND	Pass
Dimethoate	10	100	20	ND	Pass	Spinosyn D	10	3000	20	ND	Pass
Dimethomorph	10	3000	20	ND	Pass	Spiromesifen	10	3000	20	ND	Pass
Ethoprophos	10	100	20	ND	Pass	Spirotetramat	10	3000	20	ND	Pass
Etofenprox	10	100	20	ND	Pass	Spiroxamine	10	100	20	ND	Pass
Etoxazole	10	1500	20	ND	Pass	Tebuconazole	10	1000	20	ND	Pass
Fenhexamid	10	3000	20	ND	Pass	Thiacloprid	10	100	20	ND	Pass
Fenoxycarb	10	100	20	ND	Pass	Thiamethoxam	10	1000	20	ND	Pass
Fenpyroximate	10	2000	20	ND	Pass	Trifloxystrobin	10	3000	20	ND	Pass
Fipronil	10	100	20	ND	Pass	Captan	1	3000	120	ND	Pass
Flonicamid	10	2000	20	ND	Pass	Chlordane	1	100	25	ND	Pass
Fludioxonil	10	3000	20	ND	Pass	Methyl parathion	1	100	25	ND	Pass
Hexythiazox	10	2000	20	ND	Pass	Pentachloronitrobenzene	1	200	25	130	Pass
Imazalil	10	100	20	ND	Pass						

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Sampling: SOP 21

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Retail Batch Total Wt/Vol: N/A
Retail Batch Total Units: N/A
Retail Batch Date: N/A
Total Wt, Vol or Unit Sampled: 3

Date Sampled: 01/10/2025
Date Received: 01/10/2025
Date Reported: 01/22/2025

Microbials — Pass

Date Prepared: 01/13/25 13:39 | Prep ID: ES | Specimen Prep: 1 mL / 1 mL
Date Analyzed: 01/15/25 14:09 | Analyst ID: ES | Instrument: QPCR/Plate
Lab Batch: B25A022 | Analysis Method: ACCU LAB SOP14

Analyte	Action Limit	LOQ	Results	Status
	cfu/g	cfu/g	cfu/g	
Aspergillus Flavus	1	1.00	<1.00	Pass
Aspergillus Fumigatus	1	1.00	<1.00	Pass
Aspergillus Niger	1	1.00	<1.00	Pass
Aspergillus Terreus	1	1.00	<1.00	Pass
E. coli specific gene	1	1.00	<1.00	Pass
E. coli/shigella spp.	1	1.00	<1.00	Pass
Salmonella specific gene	1	1.00	<1.00	Pass
Stx1 gene	1	1.00	<1.00	Pass
Stx2 gene	1	1.00	<1.00	Pass

Date Prepared: 01/13/25 13:33 | Prep ID: ES | Specimen Prep: 1 mL / 1 mL
Date Analyzed: 01/15/25 12:05 | Analyst ID: ES | Instrument: QPCR/Plate
Lab Batch: B24L040 | Analysis Method: ACCU LAB SOP14

Analyte	Action Limit	LOQ	Results	Status
	cfu/g	cfu/g	cfu/g	
Total Yeast and Mold	100000	10000	<10000	Pass

Mycotoxins — Pass

Date Prepared: 01/16/25 14:30 | Extracted By: TL | Specimen Prep:0.2552 mL / 10 mL
Date Analyzed: 01/17/25 20:17 | Analyzed By: AJ | Instrument: LCMSMS
Lab Batch: B24I038 | Analysis Method: ACCU LAB SOP18

Analyte	DIL	Action Limit	LOQ	Results	Status
		ng/mL	ng/mL	ng/mL	
Ochratoxin A	10	20	390	ND	Pass
Aflatoxins Total				ND	

Heavy Metals — Pass

Date Prepared: 01/17/25 13:31 | Extracted By: KF | Specimen Prep: 0.52 g / 25 mL
Date Analyzed: 01/20/25 12:00 | Analyzed By: JG | Instrument: ICPMS
Lab Batch: B25A017 | Analysis Method: ACCU LAB SOP19

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb	
Arsenic	1	1500	96	ND	Pass
Cadmium	1	500	96	ND	Pass
Lead	1	500	96	ND	Pass
Mercury	1	3000	96	ND	Pass

Foreign Materials — Pass

Date Prepared: 01/10/25 10:58 | Prep ID: WM | Specimen Prep: 1 g / 1 g
Date Analyzed: 01/20/25 16:30 | Analyst ID: WM | Instrument: Visual Inspection
Lab Batch: B25A002 | Analysis Method: ACCU LAB SOP04

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1%	Pass	Pass

Total Contaminant Load

	Action Limit	Results	Status
	ppb	ppb	
Total Contaminant Load - Overall Sum	5,000	130	Pass
Total Contaminant Load - Heavy Metals	5,000	ND	Pass
Total Contaminant Load - Pesticides	5,000	130	Pass

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Sampling: SOP 21

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Lab Sample ID: F501090-01
Matrix: Aqueous / Liquid
Retail Batch Total Wt/Vol: N/A
Retail Batch Total Units: N/A
Retail Batch Date: N/A
Total Wt, Vol or Unit Sampled: 3

Date Sampled: 01/10/2025
Date Received: 01/10/2025
Date Reported: 01/22/2025

Residual Solvents — Pass

Date Prepared: 01/15/25 10:45
Prep ID: DH
Specimen Prep: 0.1099 g / 1 mL
Date Analyzed: 01/15/25 19:45
Analyst ID: DH
Instrument: Headspace GC-FID
Lab Batch: B24L024
Analysis Method: ACCU LAB SOP16

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppm	ppm	ppm	
1,1-Dichloroethene	1	8	1.8	ND	Pass
1,2-Dichloroethane	1	2	1.8	ND	Pass
2-Propanol (IPA)	1	500	18	ND	Pass
Acetone	1	750	18	ND	Pass
Acetonitrile	1	60	18	ND	Pass
Benzene	1	1	0.18	ND	Pass
Butane	1	5000	9.1	ND	Pass
Chloroform	1	2	1.8	ND	Pass
Ethanol	1	5000	18	33	Pass
Ethyl acetate	1	400	1.8	ND	Pass
Ethyl ether	1	500	1.8	ND	Pass
Ethylene oxide	1	5	1.8	ND	Pass
Methanol	1	250	18	ND	Pass
Methylene chloride	1	125	1.8	ND	Pass
n-Heptane	1	5000	1.8	ND	Pass
n-Hexane	1	250	0.36	ND	Pass
Pentane	1	750	0.61	ND	Pass
Propane	1	5000	18	ND	Pass
Toluene	1	150	1.8	ND	Pass
Total xylenes	1	150	4.5	ND	Pass
Trichloroethene	1	25	1.8	ND	Pass

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