



Certificate of Analysis

R&D

Client Information:

TRIBETOKES

55 MADISON AVE SUITE 400
MORRISTOWN, NEW JERSEY 07960

Batch # 2125.CGDP
Batch Date: 2025-02-10
Extracted From: Hemp

Test Reg State: Oregon

Order # TRI250210-020001
Order Date: 2025-02-10
Sample # AAGJ621

Sampling Date: 2025-02-14
Lab Batch Date: 2025-02-14
Completion Date: 2025-02-19

Initial Gross Weight: 8.766 g



Product Image



**Potency
Tested**



Potency 10

Specimen Weight: 502.620 mg

Tested

SOP13.001 (LCUV)

Analyte	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBD	5.40E-5	0.015	437.580	43.758
CBG	2.48E-4	0.015	91.850	9.185
CBDV	6.50E-5	0.015	50.990	5.099
Delta-9 THC	1.30E-5	0.015	1.650	0.165
CBC	1.80E-5	0.015	1.150	0.115
THCA-A	3.20E-5	0.015	1.100	0.110
CBN	1.40E-5	0.015	1.000	0.100
CBDA	1.00E-5	0.015	<LOQ	<LOQ
CBGA	8.00E-5	0.015	<LOQ	<LOQ
THCV	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD			437.580	43.758
Total Active THC			2.615	0.261



Potency Summary

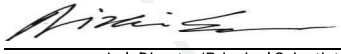
Total Active THC
0.261%

Total Active CBD
43.758%

Total CBG
9.185%

Total CBN
0.100%

Total Cannabinoids
58.532%


Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per OR rule OAR 333-007-0390, OAR 333-007-0400. Failed - Analyte/microbe is at the level that equal or above the action limit per OR rule OAR 333-007-0390, OAR 333-007-0400 The results apply to the sample as received.

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Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20241007-008
Sample: CA241007-011-021
Crystal Resistant CBD Distillate - High Minor (Distillate)
Strain: Crystal Resistant CBD Distillate - High Minor (Distillate)
Category: Concentrates & Extracts
Type: Distillate

Red Mesa Science and Refining
Lic. #
4443 E Commerce Dr
Saint George, UT 84790
Lic. #

Batch#: R241003MS101
Batch Size Collected:
Total Batch Size:
Collected: 10/11/2024; Received: 10/11/2024
Completed: 10/11/2024

Moisture NT	Total THC 0.12%	Total CBD 48.09%	Total Cannabinoids 63.05%	Sum of Cannabinoids 77.94%	Total Terpenes NT
Water Activity NT					

Summary

SOP Used

Date Tested

Batch	POT-PREP-001	10/08/2024	Pass
Cannabinoids	MICRO-PREP-001	10/09/2024	Complete
Microbials	PESTMYCO-LC-PREP-001	10/09/2024	Pass
Mycotoxins	HM-PREP-001	10/08/2024	Pass
Heavy Metals	FM-PREP-001	10/07/2024	Pass
Foreign Matter	PESTMYCO-LC-PREP-001 /	10/07/2024	Pass
Pesticides	PEST-GC-PREP-001		Pass



Scan to see results

Cannabinoid Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
THCa	0.3680	0.0924	ND	ND	CBE	0.9109	0.0443	6.43	64.3
Δ9-THC	0.3680	0.1024	0.12	1.2	CBGa	0.3965	0.1322	ND	ND
Δ8-THC	0.3680	0.0506	ND	ND	CBG	0.3920	0.1307	9.75	97.5
THCVa	0.4587	0.1529	ND	ND	CBLa	3.1232	1.0411	ND	ND
THCV	0.3680	0.0423	0.05	0.5	CBL	0.3680	0.1106	ND	ND
Δ8-THCV	0.8800	0.0174	ND	ND	CBNa	0.3731	0.1244	ND	ND
CBDa	0.3680	0.0951	ND	ND	CBN	0.3680	0.0780	0.09	0.9
CBD	0.3680	0.0815	48.09	480.9	CBT	0.3680	0.0906	8.07	80.7
CBDVa	0.3680	0.1063	ND	ND	9R-HHC	0.7752	0.0248	ND	ND
CBDV	0.3680	0.0421	4.88	48.8	9S-HHC	0.7983	0.0420	ND	ND
CBDDB	0.9086	0.0378	0.38	3.8	Δ9-THC	0.8814	0.0263	ND	ND
CBDp	0.9061	0.0321	ND	ND	Acetate			ND	ND
CBCa	0.5083	0.1694	ND	ND	Δ8-THC	0.8749	0.0303	ND	ND
CBC	0.4549	0.1516	0.07	0.7	Acetate			ND	ND
CBCV	0.3680	0.0691	ND	ND	HHC-O	0.8145	0.0500	ND	ND
					Acetate			ND	ND
					THD	0.8444	0.0298	ND	ND
					Total THC			0.12	1.24
					Total CBD			48.09	480.95
					Total			63.05	630.53
					Sum of Cannabinoids			77.94	779.43

Total THC=THCa * 0.877 + d9-THC + d8-THC; Total CBD = CBDa * 0.877 + CBD. Total Cannabinoids=(Acidic Cannabinoids)*0.877+Non-acidic Cannabinoids; Sum of Cannabinoids=Acidic Cannabinoids+Non-acidic Cannabinoids. 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
10/11/2024

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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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ICAL ID: 20241007-008
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Batch#: R241003MS101
Batch Size Collected:
Total Batch Size:
Collected: 10/11/2024; Received: 10/11/2024
Completed: 10/11/2024

Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status
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Heavy Metal Screening

		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.009	0.003	0.2	Pass
Cadmium	ND	0.002	0.001	0.2	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	0.1	Pass

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

Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Total Aerobic Plate Count	10000	ND	Pass
Aspergillus flavus		NR	NT
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
Total Coliforms	100	NR	NT
STEC		NR	NT
Enterobacteriaceae		NR	NT
Listeria		NR	NT
Pseudomonas aeruginosa		NR	NT
Salmonella SPP		NR	NT
Total E. coli		NR	NT
Staphylococcus aureus		NR	NT
Total Yeast and Mold	1000	NR	NT

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



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10/11/2024

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 Strain: Crystal Resistant CBD Distillate - High Minor (Distillate)
 Category: Concentrates & Extracts
 Type: Distillate

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Batch#: R241003MS101
 Batch Size Collected:
 Total Batch Size:
 Collected: 10/11/2024; Received: 10/11/2024
 Completed: 10/11/2024

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	µg/kg	
Aldicarb	ND	0.030	0.008	Pass	B1	ND	8.98	2.96		Tested
Carbofuran	ND	0.030	0.005	Pass	B2	ND	10.17	3.36		Tested
Chlordane	ND	0.075	0.025	Pass	G1	ND	5.25	1.73		Tested
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	6.26	2.07		Tested
Chlorpyrifos	ND	0.046	0.015	Pass	Ochratoxin A	ND	13.37	4.41	20	Pass
Coumaphos	ND	0.030	0.004	Pass	Total Aflatoxins	ND			20	Pass
Daminozide	ND	0.053	0.018	Pass						
Dichlorvos	ND	0.055	0.018	Pass						
Dimethoate	ND	0.030	0.006	Pass						
Ethoprophos	ND	0.030	0.006	Pass						
Etofenprox	ND	0.030	0.004	Pass						
Fenoxycarb	ND	0.030	0.004	Pass						
Fipronil	ND	0.050	0.017	Pass						
Imazalil	ND	0.030	0.009	Pass						
Methiocarb	ND	0.030	0.002	Pass						
Mevinphos	ND	0.030	0.008	Pass						
Paclobutrazol	ND	0.030	0.009	Pass						
Parathion Methyl	ND	0.024	0.008	Pass						
Propoxur	ND	0.030	0.008	Pass						
Spiroxamine	ND	0.030	0.006	Pass						
Thiacloprid	ND	0.030	0.005	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	0.099	0.033	0.1	Pass	Kresoxim Methyl	ND	0.030	0.007	0.1	Pass
Acephate	ND	0.030	0.007	0.1	Pass	Malathion	ND	0.030	0.003	0.5	Pass
Acequinocyl	ND	0.046	0.015	0.1	Pass	Metalaxyl	<LOQ	0.030	0.005	2	Pass
Acetamiprid	<LOQ	0.030	0.005	0.1	Pass	Methomyl	ND	0.030	0.009	1	Pass
Azoxystrobin	ND	0.030	0.005	0.1	Pass	Myclobutanil	ND	0.030	0.007	0.1	Pass
Bifenazate	<LOQ	0.030	0.007	0.1	Pass	Naled	ND	0.030	0.008	0.1	Pass
Bifenthrin	0.239	0.030	0.004	3	Pass	Oxamyl	ND	0.030	0.007	0.5	Pass
Boscalid	ND	0.030	0.008	0.1	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.1	Pass
Captan	ND	0.358	0.120	0.7	Pass	Permethrin	ND	0.030	0.002	0.5	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass	Phosmet	ND	0.030	0.005	0.1	Pass
Chlorantraniliprole	ND	0.030	0.009	10	Pass	Piperonyl Butoxide	ND	0.030	0.003	3	Pass
Clofentezine	ND	0.030	0.002	0.1	Pass	Prallethrin	ND	0.071	0.023	0.1	Pass
Cyfluthrin	ND	0.056	0.019	2	Pass	Propiconazole	ND	0.030	0.009	0.1	Pass
Cypermethrin	ND	0.181	0.060	1	Pass	Pyrethrins	ND	0.030	0.003	0.5	Pass
Diazinon	ND	0.030	0.005	0.1	Pass	Pyridaben	ND	0.030	0.002	0.1	Pass
Dimethomorph	ND	0.030	0.005	2	Pass	Spinetoram	ND	0.030	0.001	0.1	Pass
Etoxazole	ND	0.030	0.004	0.1	Pass	Spinosad	ND	0.030	0.001	0.1	Pass
Fenhexamid	ND	0.034	0.011	0.1	Pass	Spiromesifen	ND	0.030	0.009	0.1	Pass
Fenpyroximate	ND	0.030	0.004	0.1	Pass	Spirotetramat	ND	0.030	0.008	0.1	Pass
Flonicamid	ND	0.035	0.012	0.1	Pass	Tebuconazole	ND	0.030	0.006	0.1	Pass
Fludioxonil	ND	0.036	0.012	0.1	Pass	Thiamethoxam	ND	0.030	0.008	5	Pass
Hexythiazox	ND	0.030	0.001	0.1	Pass	Trifloxystrobin	ND	0.030	0.003	0.1	Pass
Imidacloprid	ND	0.033	0.011	5	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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Infinite Chemical Analysis Labs

Certificate of Analysis Appendix

Residual Solvents - Utah Industrial Hemp

Analyte	Result (ug/g)	LOD (ug/g)	LOQ (ug/g)	Action Limit(ug/g)	Status
1,2 Dimethoxyethane	ND	5.9917	17.975	100	Pass
1,4 Dioxane	ND	12.8684	38.6052	380	Pass
1-Butanol	ND	3.1446	9.4337	5,000	Pass
1-Pentanol	ND	9.9794	29.9383	5,000	Pass
1-Propanol	ND	6.9987	20.9962	5,000	Pass
2-Butanol	ND	9.5709	28.7127	5,000	Pass
2-Butanone	ND	7.2129	21.6386	5,000	Pass
2-Ethoxyethanol	ND	3.8723	11.6169	160	Pass
2-methylbutane	ND	0.679	2.037	5,000	Pass
2-methylpentane	ND	9.0715	27.2145	290	Pass
3-methylpentane	ND	7.3795	22.1384	290	Pass
2-Propanol (IPA)	ND	11.5286	34.5857	5,000	Pass
Acetone	ND	8.2267	24.6802	5,000	Pass
Acetonitrile	ND	8.3746	25.1238	410	Pass
Benzene	ND	0.3588	1.0763	2	Pass
Butane	ND	9.552	28.6559	5,000	Pass
Cumene	ND	8.32	24.96	70	Pass
Cyclohexane	ND	8.4235	25.2705	3,880	Pass
Dichloromethane	ND	3.9511	11.8533	600	Pass
2,2-dimethylbutane	ND	0.8804	2.6412	290	Pass
2,3-dimethylbutane	ND	0.9493	2.8479	290	Pass
Dimethyl sulfoxide	ND	8.3992	25.1976	5,000	Pass
Ethanol	ND	4.8156	14.4469	5,000	Pass
Ethyl acetate	ND	14.2542	42.7625	5,000	Pass
Ethyl ether	ND	6.8124	20.4372	5,000	Pass
Ethylene glycol	ND	3.4447	10.334	620	Pass
Ethylene Oxide	ND	6.5244	19.5733	50	Pass
Heptane	ND	0.4144	1.2431	5,000	Pass
Hexane	119.2432	0.5026	1.5078	290	Pass
Isobutane	ND	10.2495	30.7486	5,000	Pass
Isopropyl acetate	ND	4.1274	12.3823	5,000	Pass
Methanol	ND	18.42	55.26	3,000	Pass
N,N-dimethylacetamide	ND	268.955	806.8649	1,090	Pass
N,N-dimethylformamide	ND	2.7382	8.2147	880	Pass
Pentane	ND	0.8382	2.5146	5,000	Pass
Propane	ND	7.9467	23.8402	5,000	Pass
Pyridine	ND	19.55	58.64	100	Pass
Sulfolane	ND	22.886	68.6581	160	Pass
Tetrahydrofuran	ND	6.2156	18.6469	720	Pass
Toluene	ND	0.4061	1.2184	890	Pass
Total Xylenes	ND	10.3738	31.1216	2,170	Pass

Josh M Swider

Josh Swider
Lab Director, CEO

Crystal Resistant CBD Distillate - High Minor (Distillate)
10/9/2024