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Regulatory Compliance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 02/25/2024 | OVERALL BATCH RESULT: PASS

SAMPLE NAME: EQUALIZE

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR MADSBERRY LLC
Business Name:
License Number: C11-0000501-LIC
Address: 10931 GALA AVE
CUCAMONGA, CA 91701

SAMPLE DETAIL

Batch Number: RC5002
Sample ID: 220222M020
Source Metrc UID:
1A4060300003E8A000000127

Date Collected: 02/22/2024
Date Received: 02/23/2024
Batch Size:
Sample Size: 32.0 grams
Unit Mass:
Serving Size: 30 ml

Sampling Method: GSP 1265 - Sampling of Cannabis and Product Batches

CANNABINOID ANALYSIS - SUMMARY

CALCULATED USING DRY-WEIGHT

Sum of Cannabinoids: 628.64
Total Cannabinoids: 620.86 mg
Total THC: 307.89 mg
Total CBD: 313.05 mg

Sum of Cannabinoids = Δ⁹THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ⁸-THC
Total Cannabinoids = (Δ⁹THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCva) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDva) + Δ⁸-THC + CBL + CBN
Total THC = Δ⁹THC + (THCa *0.877) Calculation performed using formulas to take into account the loss of a carboxyl group during the decarboxylation step.
Total CBC = Δ⁹-THC + (THCa *0.877)
Total CBD = CBD + (CBDa *0.877)

Moisture: 12.2%

SAFETY ANALYSIS - SUMMARY

Pesticides: PASS
Mycotoxins: PASS
Heavy Metals: PASS
Microbiology: PASS
Foreign Material: PASS
Water Activity: PASS

These results relate only to the sample included on this report.
This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26780, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

All LQC samples were performed and met the prescribed acceptance criteria in CCLB section 1730, as attested by: Kevin Flores

Approved by: Josh Wurzer, President

Date: 02/25/2024

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CANNABINOID TEST RESULTS - 02/23/2024

Tested by high performance liquid chromatography with diode array detection (HPLC DAD). Calculated using Dry-Weight. **Method:** GSP 1157 - Analysis of Cannabinoids by HPLC DAD

TOTAL CANNABINOIDS: 620.86mg
Total Cannabinoids = (Δ⁹-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCva) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDva) + Δ⁸-THC + CBL + CBN

TOTAL THC: 307.89mg
Total THC = Δ⁹-THC+0.877*THCa

TOTAL CBD: 313.05mg
Total CBD = CBD+0.877*CBDa

TOTAL CBG: 1.17%
Total CBG = CBG+0.877*CBGa

TOTAL THCV: 0.153%
Total THCV = THCV+0.877*THCva

TOTAL CBC: 0.29%
Total CBC = CBC+0.877*CBCa

TOTAL CBDV: ND
Total CBDV = CBDV+0.877*CBDVa

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.64 / 2.14	±8.435	313.49	47.349
CBGa	0.1 / 0.4	±0.58	12.3	1.23
Δ⁹-THC	0.1 / 0.4	±0.18	6.7	0.67
CBCa	0.1 / 0.4	±0.20	3.3	0.33
THCVa	0.05 / 0.17	±0.026	1.74	0.174
CBDa	0.66 / 2.22	±0.048	313.49	49.165
CBG	0.2 / 0.5	±0.05	0.9	0.09
Δ⁸-THC	0.6 / 0.6	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
CBD	0.1 / 0.3	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.22	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.25	N/A	ND	ND
CBC	0.1 / 0.2	N/A	ND	ND
SUM OF CANNABINOIDS			**620.86 mg**	

MOISTURE TEST RESULT
12.2%
Tested 02/23/2024
Method: GSP 1224 - Loss on Drying (Moisture)

CATEGORY 1 PESTICIDE TEST RESULTS - 02/24/2024 PASS

Pesticide and plant growth regulator analysis utilizing high performance liquid chromatography mass spectrometry (HPLC-MS) or gas chromatography mass spectrometry (GC-MS). *=LC-MS utilized where indicated. **Method:** GSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or GSP 1213 - Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 02/24/2024 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Acephate	0.02 / 0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	0.1	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	0.1	N/A	ND	PASS
Bifenazate	0.01 / 0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	3	N/A	ND	PASS
Boscalid	0.03 / 0.09	0.1	N/A	ND	PASS
Captan	0.19 / 0.57	0.7	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Chlorantraniliprole	0.04 / 0.12	10	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.1	N/A	ND	PASS

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CATEGORY 2 PESTICIDE TEST RESULTS - 02/24/2024 continued

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Cyflumetofen	0.12 / 0.38	2	N/A	ND	PASS
Cyprosulfamide	0.11 / 0.32	1	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.1	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	2	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	0.1	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS
Flonicamid	0.03 / 0.10	0.1	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	0.1	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	0.1	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	5	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	0.1	N/A	ND	PASS
Malathion	0.03 / 0.09	0.5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	2	N/A	ND	PASS
Methomyl	0.03 / 0.10	1	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	0.1	N/A	ND	PASS
Naled	0.02 / 0.07	0.1	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.5	N/A	ND	PASS
Pentachloronitrobenzene*	0.03 / 0.09	0.1	N/A	ND	PASS
Permethrin	0.04 / 0.12	0.5	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.1	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	3	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.1	N/A	ND	PASS
Propiconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	0.5	N/A	ND	PASS
Pyridaben	0.02 / 0.07	0.1	N/A	ND	PASS
Spinetoram	0.02 / 0.07	0.1	N/A	ND	PASS
Spinosad	0.02 / 0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	0.1	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Thamethoxam	0.03 / 0.10	5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	0.1	N/A	ND	PASS

MYCOTOXIN TEST RESULTS - 02/24/2024 PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). **Method:** GSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.6 / 5.1		N/A	ND	
Aflatoxin G2	1.2 / 5.1		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS

HEAVY METALS TEST RESULTS - 02/24/2024 PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). **Method:** GSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	0.2	±0.00	0.1	PASS
Cadmium	0.02 / 0.05	0.2	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.02 / 0.05	0.1	N/A	<LOQ	PASS

MICROBIOLOGY TEST RESULTS - 02/24/2024 PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. **Method:** GSP 1021 - Analysis of Microbiological Contaminants

COMPOUND	ACTION LIMIT	RESULT	RESULT
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS
Salmonella spp.	Not Detected in 1g	ND	PASS
Aspergillus fumigatus	Not Detected in 1g	ND	PASS
Aspergillus flavus	Not Detected in 1g	ND	PASS
Aspergillus niger	Not Detected in 1g	ND	PASS
Aspergillus terreus	Not Detected in 1g	ND	PASS

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FOREIGN MATERIAL TEST RESULTS - 02/24/2024 PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. **Method:** GSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	PASS
Total Sample Area Covered by Mold	>25%	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	PASS
Insect Fragment Count	> 1 per 3 grams	PASS
Hair Count	> 1 per 3 grams	PASS
Mammalian Excreta Count	> 1 per 3 grams	PASS

WATER ACTIVITY TEST RESULTS - 02/24/2024 PASS

Method: GSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
Water Activity	0.65	±0.00360	0.5219	PASS