

Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 06/17/2021

SAMPLE NAME: D8 Apple M Gummy Square

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: AM8364 Sample ID: 210616R015 DISTRIBUTOR / TESTED FOR

Business Name:

License Number:

Address:

Date Collected: 06/16/2021 Date Received: 06/16/2021

Batch Size:

Sample Size: 1.0 units
Unit Mass: 4 grams per Unit
Serving Size: 4 grams per Serving





CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.624 mg/unit

Total CBD: <LOQ

Sum of Cannabinoids: 23.128 mg/unit

Total Cannabinoids: 23.128 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC = Δ 9THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ 9THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ 8THC + CBL + CBN Total Cannabinoids = (Δ 9THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +

(CBDV+0.877*CBDVa) + Δ8THC + CBL + CBN

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. 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 26100, 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)

Date: 06/17/2021

Approved by: Josh Wurzer, President Date: 06/17/2021



Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

D8 APPLE M GUMMY SQUARE | DATE ISSUED 06/17/2021

Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.624 mg/unit

Total THC (Δ9THC+0.877*THCa)

TOTAL CBD: <LOQ

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 23.128 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta 8$ THC + CBL + CBN

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.132 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/17/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ8ΤΗС	0.01 / 0.02	±0.353	5.58	0.558
Δ9ΤΗС	0.002/0.014	±0.0110	0.156	0.0156
СВС	0.003 / 0.010	±0.0014	0.033	0.0033
CBN	0.001 / 0.007	±0.0005	0.013	0.0013
CBD	0.004 / 0.011	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBL	0.003 / 0.010	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002/0.012	N/A	ND	ND
THCVa	0.002/0.019	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDV	0.002/0.012	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNA	ABINOIDS		5.782 mg/g	0.5782%

Unit Mass: 4 grams per Unit / Serving Size: 4 grams per Serving

Δ9THC per Unit	1120 per-package limit	0.624 mg/unit		
Δ9THC per Serving		0.624 mg/serving		
Total THC per Unit		0.624 mg/unit		
Total THC per Serving		0.624 mg/serving		
CBD per Unit		<loq< td=""></loq<>		
CBD per Serving		<loq< td=""></loq<>		
Total CBD per Unit		<loq< td=""></loq<>		
Total CBD per Serving		<loq< td=""></loq<>		
Sum of Cannabinoids per Unit		23.128 mg/unit		
Sum of Cannabinoids per Serving		23.128 mg/serving		
Total Cannabinoids per Unit		23.128 mg/unit		
Total Cannabinoids per Serving		23.128 mg/serving		

CannaSafe - LA 7027 Hayvenhurst Ave. Van Nuys, CA 91406

(818) 922-2416 https://www.csalabs.com Lic# C8-0000040-LIC

Crystalline CBD Isolate

Sample ID: 2101CSALA4413.1224
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate
Sample Size: 2 units
Batch Size: 10 grams
Batch#: KND 371

Produced: 01/20/2021 Collected: 01/22/2021 Received: 01/22/2021 Completed: 01/27/2021

Residual Solvents

Pass

Testing method: HSGCMS-SOP 202

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	μg/g	μg/g	µg/g	
1,2-Dichloroethane	0.1335	0.4998	1	ND	Pass
Acetone	50.0	500.0	5000	ND	Pass
Acetonitrile	4.1	41.0	410	ND	Pass
Benzene	0.1183	0.4349	1	ND	Pass
Butane	50.0	500.0	5000	ND	Pass
Chloroform	0.2556	0.9348	1	ND	Pass
Ethanol	50.0	500.0	5000	ND	Pass
Ethyl acetate	50.0	500.0	5000	ND	Pass
Ethylene Oxide	0.1908	0.7058	1	ND	Pass
Ethyl ether	50.0	500.0	5000	ND	Pass
Heptane	50.0	500.0	5000	ND	Pass
Isopropyl alcohol	50.0	500.0	5000	ND	Pass
Methanol	30.0	300.0	3000	ND	Pass
Methylene chloride	0.1488	0.5494	1	ND	Pass
Hexane	2.9	29.0	290	ND	Pass
Pentane	50.0	500.0	5000	<loq< td=""><td>Pass</td></loq<>	Pass
Propane	50.0	500.0	5000	ND	Pass
Toluene	8.9	89.0	890	ND	Pass
Trichloroethylene	0.1259	0.4693	1	ND	Pass
Total xylenes	21.7	217.0	2170	ND	Pass

Date Tested: 01/26/2021

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.





ISO / IEC 17025:2017 ACCREDITED
LABORATORY
Accreditation No. 73653

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Douglas Duncan Lab Director 01/27/2021 le Miljer

Cecilia Melgar COA Review 01/27/2021 CannaSafe - LA 7027 Hayvenhurst Ave. Van Nuys, CA 91406 (818) 922-2416 https://www.csalabs.com Lic# C8-0000040-LIC

Crystalline CBD Isolate

Sample ID: 2101CSALA4413.1224
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate
Sample Size: 2 units
Batch Size: 10 grams

Produced: 01/20/2021 Collected: 01/22/2021 Received: 01/22/2021 Completed: 01/27/2021

Microbials

Batch#: KND 371

Pass

Testing method: PCR-SOP 401

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Analyte	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

Date Tested: 01/25/2021

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

Heavy Metals

Pass

Testing method: ICPMS-SOP 502

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Analyte	LOD	LOQ	Limit	Results	Status			
	µg/g	µg/g	µg/g	µg/g				
Arsenic	0.005	0.0496	0.2	<loq< th=""><th>Pass</th><th></th></loq<>	Pass			
Cadmium	0.003	0.0496	0.2	<loq< th=""><th>Pass</th><th></th></loq<>	Pass			
Lead	0.0099	0.0496	0.5	<loq< th=""><th>Pass</th><th></th></loq<>	Pass			
Mercury	0.002	0.0496	0.1	<loq< th=""><th>Pass</th><th></th></loq<>	Pass			

Date Tested: 01/25/2021

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Crystalline CBD Isolate

Sample ID: 2101CSALA4413.1224
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate
Sample Size: 2 units
Batch Size: 10 grams

Produced: 01/20/2021 Collected: 01/22/2021 Received: 01/22/2021 Completed: 01/27/2021

Pesticides

Batch#: KND 371

Pass

Testing method: LCMS & GCMS-SOP 301 and 302

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			μg/g	µg/g	μg/g	µg/g	
Abamectin	0.0125	0.0749	0.1	ND	Pass	Fludioxonil	0.0075	0.0974	0.1	ND	Pass
Acephate	0.0025	0.0974	0.1	ND	Pass	Hexythiazox	0.0012	0.0974	0.1	ND	Pass
Acequinocyl	0.0025	0.0974	0.1	ND	Pass	Imazalil *	0.01	0.0974	0.01	ND	Pass
Acetamiprid	0.0025	0.0974	0.1	ND	Pass	Imidacloprid	0.0025	0.0974	5	ND	Pass
Aldicarb *	0.0062	0.0974	0.0062	ND	Pass	Kresoxim Methyl	0.0037	0.0974	0.1	ND	Pass
Azoxystrobin	0.0037	0.0974	0.1	ND	Pass	Malathion	0.005	0.0974	0.5	ND	Pass
Bifenazate	0.0025	0.0974	0.1	ND	Pass	Metalaxyl	0.0037	0.0974	2	ND	Pass
Bifenthrin	0.0075	0.0974	3	ND	Pass	Methiocarb *	0.005	0.0974	0.005	ND	Pass
Boscalid	0.0075	0.0974	0.1	ND	Pass	Methomyl	0.005	0.0974	1	ND	Pass
Captan	0.0237	0.1948	0.7	ND	Pass	Methyl Parathion *	0.0087	0.0487	0.0087	ND	Pass
Carbaryl	0.0037	0.0974	0.5	ND	Pass	Mevinphos *	0.0025	0.0974	0.0025	ND	Pass
Carbofuran *	0.0037	0.0974	0.0037	ND	Pass	Myclobutanil	0.0062	0.0974	0.1	ND	Pass
Chlorantraniliprole	0.0062	0.0974	10	ND	Pass	Naled	0.01	0.0974	0.1	ND	Pass
Chlordane *	0.0062	0.0487	0.0062	ND	Pass	Oxamyl	0.0037	0.0974	0.5	ND	Pass
Chlorfenapyr *	0.0112	0.0487	0.0112	ND	Pass	Paclobutrazol *	0.005	0.0974	0.005	ND	Pass
Chlorpyrifos *	0.0037	0.0974	0.0037	ND	Pass	Pentachloronitrobenzene	0.0037	0.0487	0.1	ND	Pass
Clofentezine	0.005	0.0974	0.1	ND	Pass	Permethrin	0.0025	0.0974	0.5	ND	Pass
Coumaphos *	0.0025	0.0974	0.0025	ND	Pass	Phosmet	0.0025	0.0974	0.1	ND	Pass
Cyfluthrin	0.01	0.0974	2	ND	Pass	Piperonyl Butoxide	0.0012	0.0974	3	ND	Pass
Cypermethrin	0.0062	0.0974	1	ND	Pass	Prallethrin	0.0037	0.0974	0.1	ND	Pass
Daminozide *	0.01	0.0974	0.01	ND	Pass	Propiconazole	0.0025	0.0974	0.1	ND	Pass
DDVP *	0.0025	0.0974	0.0025	ND	Pass	Propoxur *	0.0025	0.0974	0.0025	ND	Pass
Diazinon	0.0025	0.0974	0.1	ND	Pass	Pyrethrins	0.0075	0.0837	0.5	ND	Pass
Dimethoate *	0.0025	0.0974	0.0025	ND	Pass	Pyridaben	0.0125	0.0974	0.1	ND	Pass
Dimethomorph	0.0075	0.0974	2	ND	Pass	Spinetoram	0.0037	0.0974	0.1	ND	Pass
Ethoprophos *	0.0037	0.0974	0.0037	ND	Pass	Spinosad	0.005	0.0987	0.1	ND	Pass
Etofenprox *	0.0025	0.0974	0.0025	ND	Pass	Spiromesifen	0.0025	0.0974	0.1	ND	Pass
Etoxazole	0.0025	0.0974	0.1	ND	Pass	Spirotetramat	0.0037		10.000100	ND	Pass
Fenhexamid	0.0025	0.0974	0.1	ND	Pass	Spiroxamine *			0.0012	197.30 -	Pass
Fenoxycarb *	0.005	0.0974	0.005	ND	Pass	Tebuconazole		0.0974		ND	Pass
Fenpyroximate	0.0025	0.0974	0.1	ND	Pass	Thiacloprid *			0.0025		Pass
Fipronil *	0.015	0.0974	0.015	ND	Pass	Thiamethoxam	0.0025			ND	
Flonicamid	0.005	0.0974	0.1	ND	Pass	Trifloxystrobin		0.0974	100 0475		Pass
Horncomia	0.005	5.5774	J. 1		. 033	ii iii o ny sa o biii	0.0025	0.03/4	0.1	ND	Pass

Date Tested: 01/26/2021





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Douglas Duncan Lab Director 01/27/2021 Cecilia Melgar COA Review 01/27/2021

The values reported pertain only to the product tested. R&D Sample Only. Tested as-is/received from client. Unless otherwise stated all Laboratory Quality Control (LQC) samples performed within specifications established by the BCC in 16 CCR section 5730. Sample tested per CALIFORNIA CODE OF REGULATIONS, TITLE 16, DIVISION 42. BUREAU OF CANNABIS CONTROL.

^{*} Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.