

Order #: DR.200310-010015 Order Date: 2020-03-10 Collection Date: 2020-03-12 Report Date: 2020-03-17

Batch #: M031120BB
Sample #: AAAD583
Specimen Type: CBD/HEMP Flower & Plants
Extracted From: Hemp
Description: Dr. Ganja Orange Creamsicle

Initial Gross Weight: 13010mg
Method: SOP-3



Potency Tested	Heavy Metals Passed	Mycotoxins Passed
Moisture Tested	Pathogenic Passed	Pesticides Passed



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

CBD Total 17.2693%	THC Total 0.7246%	CBG Total 0.8721%
CBN Total Not Detected	Other Cannabinoids 0.0457%	Total Cannabinoids 18.9117%

Potency - 16 (Tested)

Potency - 16 (Tested)				(HPLC)			
Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	0.457	0.046	0.001	CBCA	16.700	1.670	0.001
CBDA	193.500	19.350	0.001	CBDV	<LOQ	0.001	
CBG	1.056	0.106	0.001	CBGA	8.740	0.874	0.001
CBN	<LOQ	0.001		CBNA	<LOQ	0.001	
Delta-9-THC	0.464	0.046	0.001	THCA-A	7.734	0.773	0.001
THCVA	<LOQ	0.001		Total CBD	172.693	17.269	0.001
				Total THC	7.246	0.725	0.001

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Principal Scientist
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Sun City Center, FL - 33573 F: +1 (813) 634-4538 http://www.acslabcannabis.com CLIA No. 10D1094068

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Heavy Metals (Passed) (ICP-MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	1500	<LOQ	100	Cadmium (Cd)	500	Passed	100	Lead (Pb)	500	Passed	100
Mercury (Hg)	3000	<LOQ	100								

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Mycotoxins (Passed) (LCMS/MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B1		<LOQ	6	Aflatoxin B2		<LOQ	6	Aflatoxin G1		<LOQ	6
Aflatoxin G2		<LOQ	6	Aflatoxin Total	20	<LOQ	6	Ochratoxin A	20	<LOQ	12

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Moisture (Tested) (Moisture Meter)

Analyte	Result (%)
Moisture	10.170

(%) = Percent

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Pathogenic Microbiology #3 (HEMP Compliance Panel) (Passed) (qPCR)

Analyte	Result	Analyte	Result	Analyte	Result
E.Coli	Absence	Listeria	Absence	Salmonella	Absence
		Monocytogenes	Absence		

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Pesticides (Passed)

(LCMS/MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	300	<LOQ	28.23	Acephate	3000	<LOQ	30	Acequinocyl	2000	<LOQ	48
Acetamiprid	3000	<LOQ	30	Aldicarb	100	<LOQ	30	Azoxystrobin	3000	<LOQ	10
Bifenazate	3000	<LOQ	30	Bifenthrin	500	<LOQ	30	Chlorfenapyr	100	<LOQ	48
Chlorpyrifos	100	<LOQ	30	Clofentezine	500	<LOQ	30	Coumaphos	100	<LOQ	30
Cypermethrin	1000	<LOQ	30	Daminozide	100	<LOQ	30	DDVP(Dichlorvos)	100	<LOQ	30
Diazinon	200	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	30
Ethoprop(hos)	100	<LOQ	30	Etofenprox	100	<LOQ	30	Etoxazole	1500	<LOQ	30
Fenhexamid	3000	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fipronil	100	<LOQ	30
Fonicamid	2000	<LOQ	30	Fludioxonil	3000	<LOQ	30	Hexythiazox	2000	<LOQ	30
Imazalil	100	<LOQ	30	Imidacloprid	3000	<LOQ	30	Kresoxim Methyl	1000	<LOQ	30
Malathion A	2000	<LOQ	30	Metalaxyl	3000	<LOQ	10	Methiocarb	100	<LOQ	30
Methomyl	100	<LOQ	30	Mevinphos	100	<LOQ	30	Myclobutanil	3000	<LOQ	30
Naled	500	<LOQ	30	Oxamyl	500	<LOQ	30	Paclobutrazol	100	<LOQ	30
Parathion-methyl	100	<LOQ	10	Pentachloronitrobenzene	200	<LOQ	30	Permethrin	1000	<LOQ	30
Piperonylbutoxide	3000	<LOQ	30	Prallethrin	400	<LOQ	30	Phosmet	200	<LOQ	30
Propoxur	100	<LOQ	30	Pyrethrins	1000	<LOQ	30	Propiconazole	1000	<LOQ	30
Spinetoram	3000	<LOQ	30	Spinosyn A	3000	<LOQ	30	Pyridaben	3000	<LOQ	30
Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30	Spinosyn D	3000	<LOQ	30
Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30	Spiroxamine	100	<LOQ	30
Trifloxystrobin	3000	<LOQ	30					Thiamethoxam	1000	<LOQ	30

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Steep Hill California

1005 PARKER STREET, BERKELEY, CA 94710 LICENSE #: C8-0000082-LIC

CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja Orange Creamsicle
Steep Hill ID: BK83394
Batch ID: M031120BB
Sample Type: Flower
Date Received: 3/11/2020

Customer: Dr.Ganja

Terpenoid Results

4/21/2020

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069)

Analyte	%	mg/g	LOD mg/g	LOQ mg/g	Analyte	%	mg/g	LOD mg/g	LOQ mg/g
Bisabolol	0.121	1.21	0.00609	0.0185	Linalool	0.0374	0.374	0.00609	0.0185
Borneol	0.0137	0.137	0.00609	0.0185	Menthol	ND	ND	0.00609	0.0185
Camphene	0.00551	0.0551	0.00609	0.0185	β -Myrcene	0.492	4.92	0.00609	0.0185
Camphor	ND	ND	0.00609	0.0185	Nerol	ND	ND	0.00609	0.0185
3-Carene	ND	ND	0.00609	0.0185	cis-Nerolidol	ND	ND	0.00609	0.0185
Caryophyllene Oxide	ND	ND	0.00609	0.0185	trans-Nerolidol	0.00622	0.0622	0.00609	0.0185
β -Caryophyllene	0.513	5.13	0.00609	0.0185	Ocimene	0.00797	0.0797	0.00609	0.0185
α -Cedrene	ND	ND	0.00609	0.0185	trans- β -Ocimene	ND	ND	0.00609	0.0185
Cedrol	ND	ND	0.00609	0.0185	α -Phellandrene	ND	ND	0.00609	0.0185
Eucalyptol	< LOQ	< LOQ	0.00609	0.0185	α -Pinene	0.0183	0.183	0.00609	0.0185
α -Farnesene	0.177	1.77	0.00609	0.0185	β -Pinene	0.0190	0.190	0.00609	0.0185
Fenchol	0.0343	0.343	0.00609	0.0185	Pulegone	ND	ND	0.00609	0.0185
Fenchone	0.00187	0.0187	0.00609	0.0185	Sabinene	ND	ND	0.00609	0.0185
Geraniol	ND	ND	0.00609	0.0185	Sabinene Hydrate	ND	ND	0.00609	0.0185
Geranyl Acetate	ND	ND	0.00609	0.0185	α -Terpinene	< LOQ	< LOQ	0.00609	0.0185
Guaiol	NT	NT	NT	NT	γ -Terpinene	< LOQ	< LOQ	0.00609	0.0185
α -Humulene	0.137	1.37	0.00609	0.0185	α -Terpineol	0.0199	0.199	0.00609	0.0185
Isoborneol	ND	ND	0.00609	0.0185	γ -Terpineol	ND	ND	0.00609	0.0185
Isopulegol	ND	ND	0.00609	0.0185	Terpinolene	0.00334	0.0334	0.00609	0.0185
Limonene	0.135	1.35	0.00609	0.0185	Valencene	ND	ND	0.00609	0.0185
Total	1.82	18.2							

ND: Not Detected NT: Not Tested LOQ: Limit of Quantitation LOD: Limit of Detection

Leah Shaffer
Chief Science Officer
Date: 4/21/2020

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