

Order #: DR.200227-010005 Order Date: 2020-02-27 Collection Date: 2020-02-28 Report Date: 2020-03-04

Batch #: F022820BA
Sample #: AAAD001
Specimen Type: CBD/HEMP Flower & Plants
Extracted From: Hemp
Description: Dr.Ganja Sour Blueberry Kush

Initial Gross Weight: 13023mg
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 15.8176%	THC Total 0.6697%	CBG Total 0.5726%
CBN Total Not Detected	Other Cannabinoids 0.0763%	Total Cannabinoids 17.1362%

Potency - 11 (Tested)

Potency - 11 (Tested)								(HPLC)			
Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	0.625	0.063	0.001	CBD	2.158	0.216	0.001	CBDA	177.900	17.790	0.001
CBDV	<LOQ	0.001		CBG	0.784	0.078	0.001	CBGA	5.635	0.564	0.001
CBN	<LOQ	0.001		Delta-8-THC	<LOQ	0.001		Delta-9-THC	0.367	0.037	0.001
THCA-A	7.218	0.722	0.001	THCV	0.138	0.014	0.001	Total CBD	158.176	15.818	0.001
Total THC	6.697	0.670	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 + THC + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THC + THCV + THCV-A (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation

Xueli Gao Lab Toxicologist
Ph.D., DABT

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

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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	<LOQ	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	8.060

(%) = Percent

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

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

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CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja Sour Blueberry Kush
Steep Hill ID: BK82720
Batch ID: F022820BA
Sample Type: Flower
Date Received: 2/28/2020

Customer: Dr.Ganja

Terpenoid Results

3/9/2020

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
α -Bisabolol	< LOQ	< LOQ	0.00934	0.195	Linalool	0.0282	0.282	0.00604	0.195
endo-Borneol	< LOQ	< LOQ	0.000158	0.195	Menthol	ND	ND	0.00214	0.195
Camphene	< LOQ	< LOQ	0.000622	0.195	β -Myrcene	0.627	6.27	0.00408	0.195
Camphor	< LOQ	< LOQ	0.00134	0.390	Nerol	ND	ND	0.00672	0.995
3-Carene	ND	ND	0.000964	0.195	cis-Nerolidol	ND	ND	0.0185	0.195
Caryophyllene Oxide	< LOQ	< LOQ	0.00111	0.195	trans-Nerolidol	ND	ND	0.00919	0.995
β -Caryophyllene	0.371	3.71	0.00126	0.195	cis- β -Ocimene	ND	ND	0.0251	0.663
α -Cedrene	ND	ND	0.000432	0.195	trans- β -Ocimene	ND	ND	0.00903	0.332
Cedrol	ND	ND	0.00187	0.195	α -Phellandrene	ND	ND	0.000758	0.195
Citronellol	ND	ND	0.00749	0.995	Phytol 1	ND	ND	0.00410	0.371
Eucalyptol	< LOQ	< LOQ	0.00182	0.195	Phytol 2	ND	ND	0.00698	0.624
α -Farnesene	ND	ND	0.109	0.471	α -Pinene	0.284	2.84	0.000137	0.195
β -Farnesene	ND	ND	0.130	1.64	β -Pinene	0.103	1.03	0.000131	0.195
Fenchol	< LOQ	< LOQ	0.000469	0.195	Pulegone	ND	ND	0.0133	0.195
Fenchone	< LOQ	< LOQ	0.000448	0.195	Sabinene	ND	ND	0.000226	0.195
Geraniol	ND	ND	0.0470	0.995	Sabinene Hydrate	< LOQ	< LOQ	0.00227	0.195
Geranyl Acetate	ND	ND	0.00968	1.95	α -Terpinene	ND	ND	0.000883	0.195
Guaiol	0.0622	0.622	0.0102	0.195	γ -Terpinene	ND	ND	0.00110	0.195
α -Humulene	0.0966	0.966	0.000268	0.195	α -Terpineol	0.0283	0.283	0.00356	0.195
Isoborneol	ND	ND	0.000720	0.195	Terpinolene	ND	ND	0.00333	0.195
Isopulegol	ND	ND	0.00717	0.195	Valencene	ND	ND	0.00238	0.195
Limonene	0.0607	0.607	0.00144	0.195	Total	1.66	16.6		

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

Leah Shaffer
Chief Science Officer
Date: 3/9/2020

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