



D8 Bubba Kush 59

Sample ID: G1L0020-14

Matrix: Industrial Hemp

Test ID: 5021934

Source ID:

Date Sampled: 11/30/21

Date Accepted: 11/30/21

Results at a Glance

Total THC : 0.42 %

Total CBD : 12 %

Total CBG : 0.23 %

delta 8-THC : 11 % dry PASS

Percent Moisture : 8.51 % PASS

Total Terpenes : 1.569 % PASS



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Chief Science Officer - 12/7/2021

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Date Sampled: 11/30/21

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Potency Analysis

Date/Time Extracted: 12/02/21 09:10

Analysis Method/SOP: 215

Batch Identification: 2149035

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.010	0.42	4.2	
Total CBD	0.009	12	120	
Total CBG	0.0009	0.23	2.3	
THCA	0.0005	0.48	4.8	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.020	11	110	
THCV	0.006	< LOQ	< LOQ	
THCVA	0.002	< LOQ	< LOQ	
CBD	0.002	0.10	1	
CBDA	0.002	13	130	
CBDV	0.005	< LOQ	< LOQ	
CBDVA	0.002	0.008	0.08	
CBN	0.003	0.024	0.24	
CBG	0.0009	0.017	0.17	
CBGA	0.0009	0.24	2.4	
CBC	0.010	0.22	2.2	

Moisture

Date/Time Extracted: 12/02/21 15:17

Analysis Method/SOP: 103

Moisture: 8.51 %

Action Level: 15%

Potency results are reported on a dry weight basis.

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Terpene Analysis

Date/Time Extracted: 12/02/21 09:10

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.02068	0.2068
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.2246	2.246
Linalool	0.04895	0.4895	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.1613	1.613	alpha-Pinene	0.008990	0.0899
beta-Pinene	0.01540	0.154	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	0.01804	0.1804	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.02864	0.2864	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.1620	1.62	beta-Caryophyllene	0.6286	6.286
Caryophyllene Oxide	0.04641	0.4641	Guaiol	< LOQ	< LOQ
alpha-Humulene	0.2239	2.239	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	1.569	15.69			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.



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Matrix: Industrial Hemp

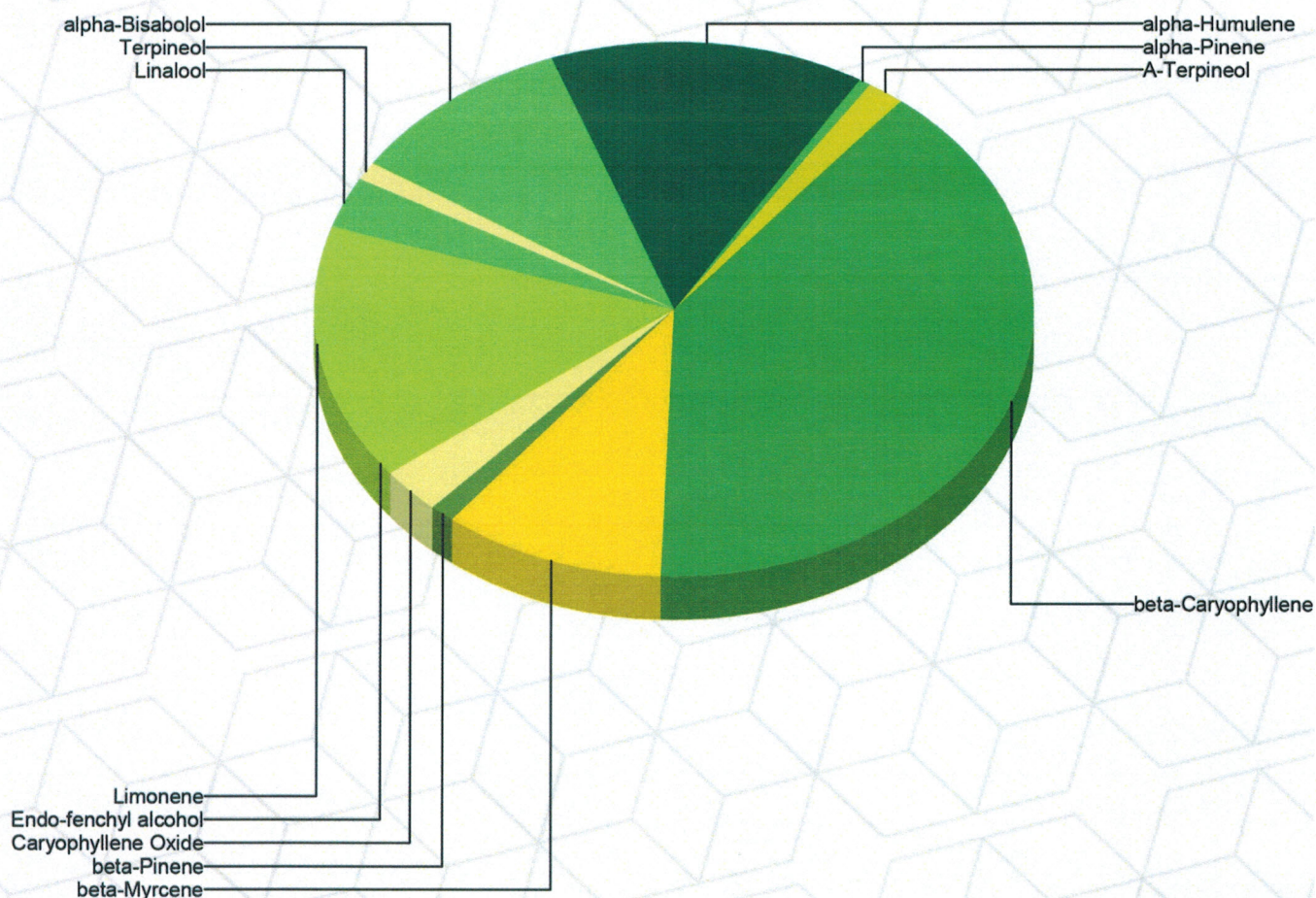
Test ID: 5021934

Source ID:

Date Sampled: 11/30/21

Date Accepted: 11/30/21

Terpene Profile



Percentage of Total Terpenes Identified



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Quality Control Potency

Batch: 2149035 - 215-Hemp

Blank(2149035-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.002	%		12/02/21 09:10	12/02/21 17:24	
delta 9-THC	< LOQ	0.002	%		12/02/21 09:10	12/02/21 17:24	
delta 8-THC	< LOQ	0.018	%		12/02/21 09:10	12/02/21 17:24	
THCV	< LOQ	0.020	%		12/02/21 09:10	12/02/21 17:24	
THCVA	< LOQ	0.008	%		12/02/21 09:10	12/02/21 17:24	
CBD	< LOQ	0.002	%		12/02/21 09:10	12/02/21 17:24	
CBDA	< LOQ	0.002	%		12/02/21 09:10	12/02/21 17:24	
CBDV	< LOQ	0.020	%		12/02/21 09:10	12/02/21 17:24	
CBDVA	< LOQ	0.007	%		12/02/21 09:10	12/02/21 17:24	
CBN	< LOQ	0.012	%		12/02/21 09:10	12/02/21 17:24	
CBG	< LOQ	0.003	%		12/02/21 09:10	12/02/21 17:24	
CBGA	< LOQ	0.003	%		12/02/21 09:10	12/02/21 17:24	
CBC	< LOQ	0.036	%		12/02/21 09:10	12/02/21 17:24	

Reference(2149035-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.6	0.0005	%	80-120	12/02/21 09:10	12/02/21 17:47	
delta 9-THC	97.6	0.0005	%	80-120	12/02/21 09:10	12/02/21 17:47	
CBD	98.7	0.0005	%	80-120	12/02/21 09:10	12/02/21 17:47	
CBDA	99.4	0.0005	%	80-120	12/02/21 09:10	12/02/21 17:47	

Terpene Analysis

Batch: 2149035 - 215-Hemp

Blank(2149035-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Camphene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Camphor	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
3-Carene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
beta-Caryophyllene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Caryophyllene Oxide	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
alpha-Cedrene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Cedrol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Endo-fenchyl alcohol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Eucalyptol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Fenchone	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Geraniol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Geranyl acetate	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Guaiol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	



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Quality Control Terpene Analysis (Continued)

Batch: 2149035 - 215-Hemp (Continued)

Blank(2149035-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Hexahydrothymol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
alpha-Humulene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Isoborneol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Isopulegol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Limonene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Linalool	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
p-Mentha-1,5-diene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
beta-Myrcene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
trans-Nerolidol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
alpha-Pinene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
beta-Pinene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Pulegone	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Sabinene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Sabinene hydrate	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
gamma-Terpinene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
alpha-Terpinene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Terpineol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Terpinolene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Valencene	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
B Y-Terpineol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Nerol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
A-Terpineol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
cis-Nerolidol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Borneol	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Ocimene isomer II	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	
Ocimene isomer I	< LOQ	0.001000	%		12/02/21 09:10	12/03/21 10:52	

Reference(2149035-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
beta-Caryophyllene	112	2.500E-4	%	70-130	12/02/21 09:10	12/06/21 17:27	
alpha-Humulene	112	2.500E-4	%	70-130	12/02/21 09:10	12/06/21 17:27	
beta-Myrcene	171	2.500E-4	%	70-130	12/02/21 09:10	12/06/21 17:27	

Batch: 2149037 - 103

Reference(2149037-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	113		%	80-120	12/02/21 15:17	12/02/21 15:17	

Reference(2149037-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	96.9		%	80-120	12/02/21 15:17	12/02/21 15:17	



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