



Wedding Cake

Sample ID: G1L0020-01

Matrix: Industrial Hemp

Test ID: 5021921

Source ID:

Date Sampled: 11/30/21

Date Accepted: 11/30/21

Elli-Hou Farms LLC
Sales@ellihoufarms.com

Results at a Glance

Total THC : 0.67 %

Total CBD : 18 %

Total CBG : 0.49 %

Percent Moisture : 10.9 % **PASS**

Total Terpenes : 1.984 % **PASS**



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LABORATORY

Eric Wendt
Chief Science Officer - 12/7/2021



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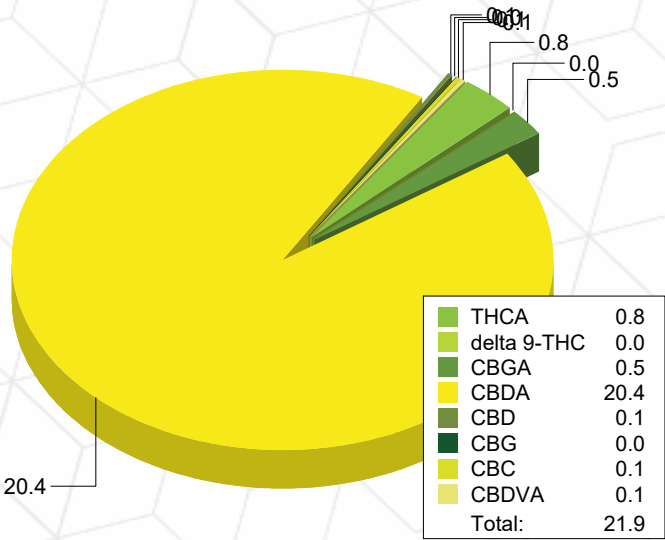
Potency Analysis

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	0.67	6.7	
Total CBD	0.009	18	180	
Total CBG	0.0009	0.49	4.9	
THCA	0.0006	0.76	7.6	
delta 9-THC	0.0006	0.010	0.1	
delta 8-THC	0.005	< LOQ	< LOQ	
THCV	0.006	< LOQ	< LOQ	
THCVA	0.002	< LOQ	< LOQ	
CBD	0.002	0.091	0.91	
CBDA	0.002	20	200	
CBDV	0.006	< LOQ	< LOQ	
CBDVA	0.002	0.056	0.56	
CBN	0.003	< LOQ	< LOQ	
CBG	0.0009	0.023	0.23	
CBGA	0.0009	0.53	5.3	
CBC	0.010	0.082	0.82	



Moisture

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

Analysis Method/SOP: 103

Moisture: 10.9 %

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	0.02069	0.2069
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.1959	1.959
Linalool	0.04971	0.4971	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.7678	7.678	alpha-Pinene	0.02443	0.2443
beta-Pinene	0.02327	0.2327	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	0.01378	0.1378	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.02188	0.2188	Borneol	< LOQ	< LOQ
Ocimene isomer II	0.08138	0.8138	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.1252	1.252	beta-Caryophyllene	0.4222	4.222
Caryophyllene Oxide	0.04115	0.4115	Guaiol	0.04841	0.4841
alpha-Humulene	0.1096	1.096	trans-Nerolidol	< LOQ	< LOQ
Valencene	0.05239	0.5239	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	1.984	19.84			

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



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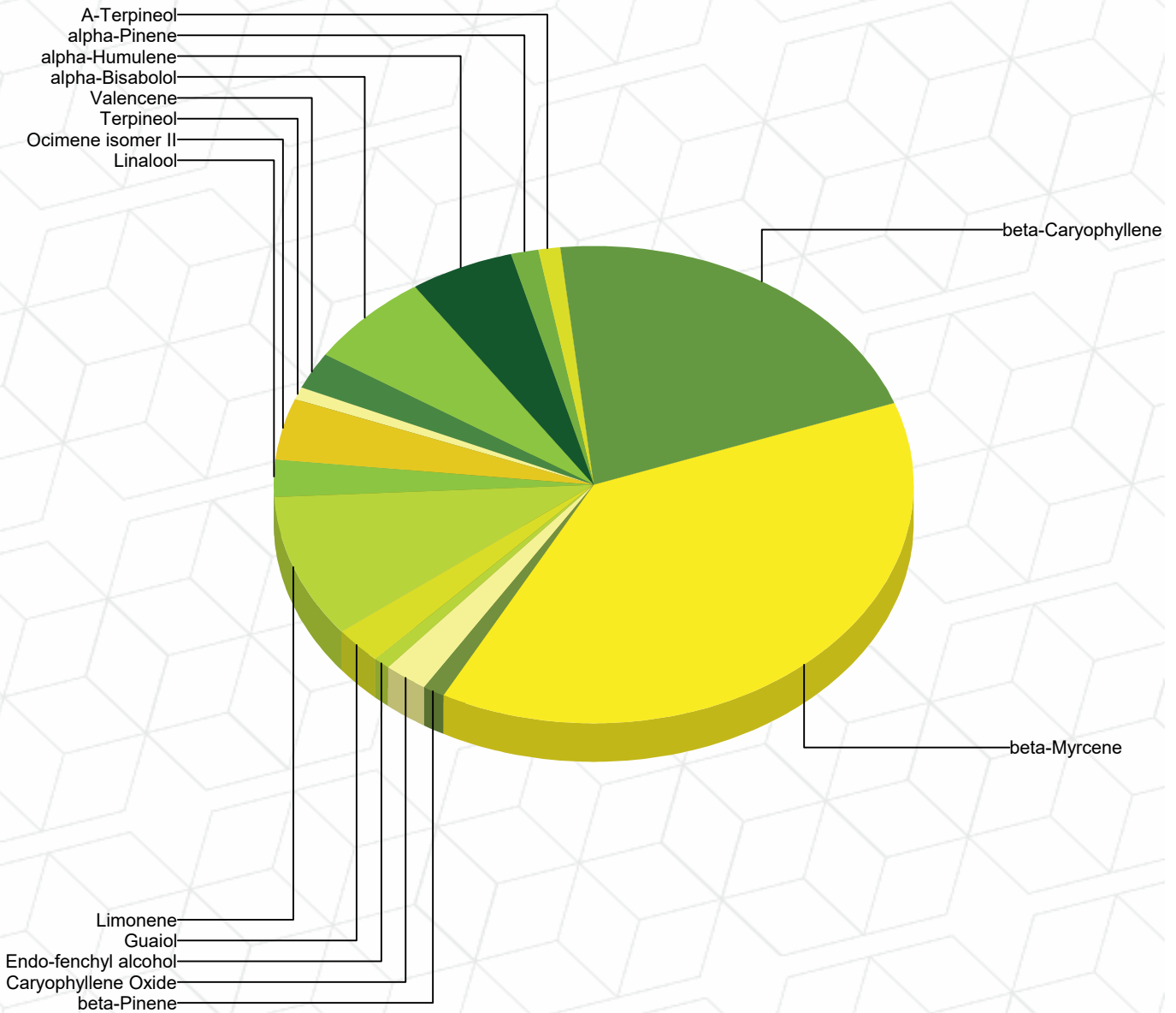
Source ID:

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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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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.
Quality Control samples were tested as received.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
- BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
- BLK Analyte detected in method blank, but not associated samples.
- BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
- BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- CBD Interference due to co-elution
- CV1 CBD matrix interference on GC Pest chromatography
- CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
- ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISL Internal Standard concentration is above acceptance criteria.
- MSH Internal Standard concentration is below acceptance criteria.
- MSI Matrix Spike High - Matrix Spike recovery above method limits.
- MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP
- U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
Internal Standard concentration outside control limit due to matrix interference



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