



### Royal OG D8

Sample ID: G2L0111-11

Matrix: Industrial Hemp

Test ID: 5028413

Source ID:

Date Sampled: 12/07/22

Date Accepted: 12/07/22

**Elli-Hou Farms LLC**  
sales@ellihoufarms.com

### Results at a Glance

Total THC : 0.3438 %

Total CBD : 9.953 %

Total CBG : 0.1865 %

delta 8-THC : 22.35 % **PASS**



Eric Wendt  
Chief Science Officer - 12/15/2022



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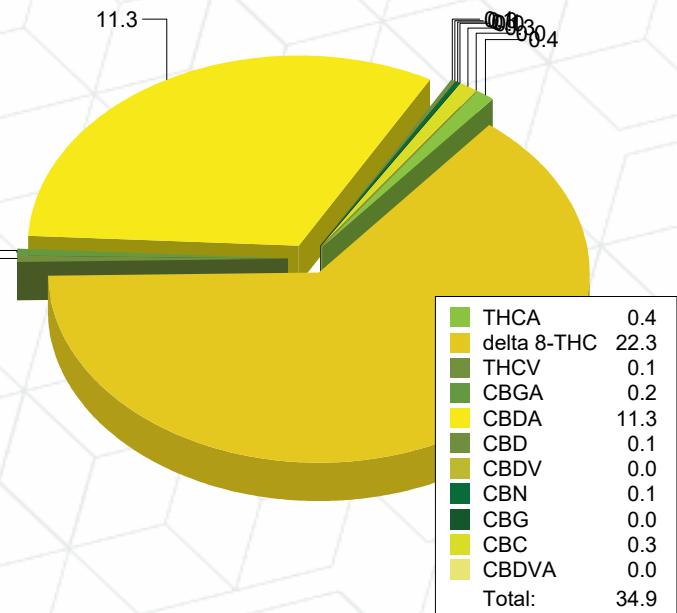
### Potency Analysis

Date/Time Extracted: 12/09/22 09:26

Analysis Method/SOP: 215

Batch Identification: 2250042

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.009080	0.3438	3.438		
Total CBD	0.008300	9.953	99.53		
Total CBG	7.900E-4	0.1865	1.865		
THCA	5.000E-4	0.3920	3.92		
delta 9-THC	5.000E-4	< LOQ	< LOQ		
delta 8-THC	0.01796	22.35	223.5		
THCV	0.005055	0.1239	1.239		
THCVA	0.001885	< LOQ	< LOQ		
CBD	0.002000	0.08481	0.8481		
CBDA	0.002000	11.25	112.5		
CBDV	0.005000	0.03264	0.3264		
CBDVA	0.001640	0.04155	0.4155		
CBN	0.002990	0.09148	0.9148		
CBG	7.900E-4	0.01005	0.1005		
CBGA	7.900E-4	0.2010	2.01		
CBC	0.008965	0.3418	3.418		



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.



**ISO 17025**  
ACCREDITED  
LABORATORY

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Chief Science Officer - 12/15/2022

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### Quality Control Potency

Batch: 2250042 - 215-Hemp

Blank(2250042-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		12/09/22 09:26	12/09/22 17:05	
THCA	< LOQ	5.000E-4	%		12/09/22 09:26	12/09/22 17:05	
delta 9-THC	< LOQ	0.0005	%		12/09/22 09:26	12/09/22 17:05	
delta 9-THC	< LOQ	5.000E-4	%		12/09/22 09:26	12/09/22 17:05	
delta 8-THC	< LOQ	0.004	%		12/09/22 09:26	12/09/22 17:05	
delta 8-THC	< LOQ	0.004490	%		12/09/22 09:26	12/09/22 17:05	
THCV	< LOQ	0.005055	%		12/09/22 09:26	12/09/22 17:05	
THCV	< LOQ	0.005	%		12/09/22 09:26	12/09/22 17:05	
THCVA	< LOQ	0.002	%		12/09/22 09:26	12/09/22 17:05	
THCVA	< LOQ	0.001885	%		12/09/22 09:26	12/09/22 17:05	
CBD	< LOQ	0.0005	%		12/09/22 09:26	12/09/22 17:05	
CBD	< LOQ	5.000E-4	%		12/09/22 09:26	12/09/22 17:05	
CBDA	< LOQ	0.0005	%		12/09/22 09:26	12/09/22 17:05	
CBDA	< LOQ	5.000E-4	%		12/09/22 09:26	12/09/22 17:05	
CBDV	< LOQ	0.005	%		12/09/22 09:26	12/09/22 17:05	
CBDV	< LOQ	0.005000	%		12/09/22 09:26	12/09/22 17:05	
CBDVA	< LOQ	0.002	%		12/09/22 09:26	12/09/22 17:05	
CBDVA	< LOQ	0.001640	%		12/09/22 09:26	12/09/22 17:05	
CBN	< LOQ	0.003	%		12/09/22 09:26	12/09/22 17:05	
CBN	< LOQ	0.002990	%		12/09/22 09:26	12/09/22 17:05	
CBG	< LOQ	0.0008	%		12/09/22 09:26	12/09/22 17:05	
CBG	< LOQ	7.900E-4	%		12/09/22 09:26	12/09/22 17:05	
CBGA	< LOQ	0.0008	%		12/09/22 09:26	12/09/22 17:05	
CBGA	< LOQ	7.900E-4	%		12/09/22 09:26	12/09/22 17:05	
CBC	< LOQ	0.009	%		12/09/22 09:26	12/09/22 17:05	
CBC	< LOQ	0.008965	%		12/09/22 09:26	12/09/22 17:05	

Reference(2250042-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.0005	%	90-110	12/09/22 09:26	12/09/22 17:28	
THCA	101	5.000E-4	%	90-110	12/09/22 09:26	12/09/22 17:28	
delta 9-THC	107	0.0005	%	90-110	12/09/22 09:26	12/09/22 17:28	
delta 9-THC	107	5.000E-4	%	90-110	12/09/22 09:26	12/09/22 17:28	
delta 8-THC	99.1	0.004	%	90-110	12/09/22 09:26	12/09/22 17:28	
delta 8-THC	99.1	0.004490	%	90-110	12/09/22 09:26	12/09/22 17:28	
CBD	100	5.000E-4	%	90-110	12/09/22 09:26	12/09/22 17:28	
CBD	100	0.0005	%	90-110	12/09/22 09:26	12/09/22 17:28	
CBDA	96.6	0.0005	%	90-110	12/09/22 09:26	12/09/22 17:28	
CBDA	96.6	5.000E-4	%	90-110	12/09/22 09:26	12/09/22 17:28	



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### Quality Control Terpene Analysis

Batch: 2250042 - 215-Hemp

Blank(2250042-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Camphene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Camphor	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
3-Carene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
beta-Caryophyllene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Caryophyllene Oxide	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
alpha-Cedrene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Cedrol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Endo-fenchyl alcohol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Eucalyptol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Geraniol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Geranyl acetate	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Guaiol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
alpha-Humulene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Isoborneol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Isopulegol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Limonene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Linalool	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
beta-Myrcene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
trans-Nerolidol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
alpha-Pinene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
beta-Pinene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Pulegone	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Sabinene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Sabinene hydrate	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
gamma-Terpinene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
alpha-Terpinene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Terpinolene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Valencene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Verbenone	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
trans-beta-Farnesene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
A-Terpineol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
cis-Nerolidol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Thymol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Terpinen-4-ol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Squalene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Safranal	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Piperitone	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	



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### Quality Control Terpene Analysis (Continued)

Batch: 2250042 - 215-Hemp (Continued)

Blank(2250042-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Phytane	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
p-Cymene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Octyl Acetate	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Nootkatone	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Menthone	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Menthol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Isobornyl Acetate	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Farnesol 1	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Carvone	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
alpha-Thujone	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Alpha-Phellandrene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
(+)-Borneol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
(-)-Borneol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Carvacrol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
trans-beta-Ocimene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Cis-beta-Ocimene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Citral	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Citronellol	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Farnesol 2	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	
Cis-beta-Farnesene	< LOQ	0.00025	%		12/09/22 09:26	12/09/22 18:26	

Reference(2250042-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
beta-Caryophyllene	89.3	0.00025	%	70-130	12/09/22 09:26	12/09/22 18:44	
alpha-Humulene	82.7	0.00025	%	70-130	12/09/22 09:26	12/09/22 18:44	
Limonene	82.2	0.00025	%	70-130	12/09/22 09:26	12/09/22 18:44	
beta-Myrcene	73.8	0.00025	%	70-130	12/09/22 09:26	12/09/22 18:44	



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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. Results do not include uncertainty of measurements. Available upon request.

- 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 Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- U Internal Standard concentration outside control limit due to matrix interference



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