



Legendary Platinum OG

Sample ID: G4J0166-02

Matrix: Industrial Hemp

Test ID: 5027257

Source ID:

Date Sampled: 10/14/24

Date Accepted: 10/14/24

Fern Valley Farms
fernvalleycbd@gmail.com

Results at a Glance

Total THC : 0.65 %

Total CBD : 14 %

Total CBG : 0.80 %

Percent Moisture : 10.3 % **PASS**

Total Terpenes : 1.992 % **PASS**



Nolan Mundie
Lab Director - 10/18/2024



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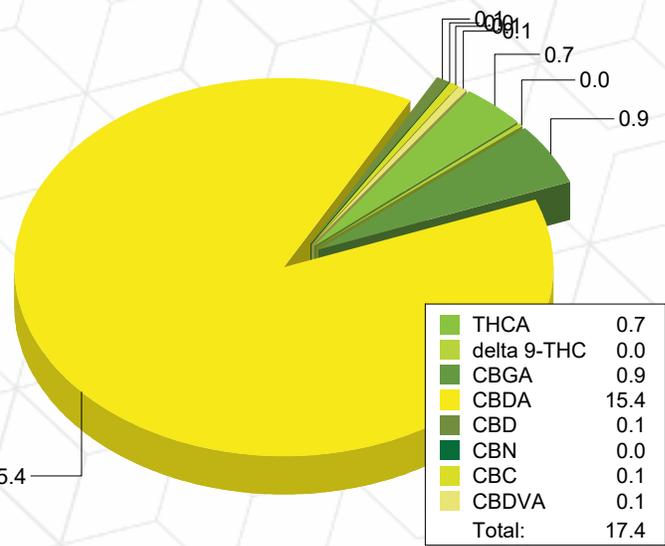
Potency Analysis

Date/Time Extracted: 10/17/24 08:56

Analysis Method/SOP: 215

Batch Identification: 2442037

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.65	6.5		
Total CBD	0.009	14	140		
Total CBG	0.0009	0.80	8		
THCA	0.0006	0.68	6.8		
delta 9-THC	0.0006	0.049	0.49		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.006	< LOQ	< LOQ		
THCVA	0.002	< LOQ	< LOQ		
CBD	0.002	0.12	1.2		
CBDA	0.002	15	150		
CBDV	0.006	< LOQ	< LOQ		
CBDVA	0.002	0.079	0.79		
CBN	0.003	0.040	0.4		
CBG	0.0009	< LOQ	< LOQ		
CBGA	0.0009	0.92	9.2		
CBC	0.010	0.097	0.97		



Moisture

Date/Time Extracted: 10/16/24 14:12

Analysis Method/SOP: 103

Moisture: 10.3 %

Action Level: 90%

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



Nolan Mundie
Lab Director - 10/18/2024

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Test ID: 5027257

Source ID:

Date Sampled: 10/14/24

Date Accepted: 10/14/24

Fern Valley Farms
fernvalleycbd@gmail.com

Terpene Analysis by GCMS

Date/Time Extracted: 10/17/24 08:56

Analysis Method/SOP: 204

Date/Time Analyzed: 10/17/24 20:44

Analyte	Result	LOD	LOQ	Units	Analyte	Result	LOD	LOQ	Units
(-)-Borneol	< LOQ	0.002	0.005	mg/g	(+)-Borneol	0.02	0.002	0.005	mg/g
3-Carene	0.06	0.002	0.005	mg/g	alpha-Bisabolol	1	0.002	0.005	mg/g
alpha-Cedrene	< LOQ	0.002	0.005	mg/g	alpha-Humulene	2.52	0.002	0.005	mg/g
Alpha-Phellandrene	< LOQ	0.002	0.005	mg/g	alpha-Pinene	< LOQ	0.002	0.005	mg/g
alpha-Terpinene	< LOQ	0.002	0.005	mg/g	alpha-Thujone	< LOQ	0.002	0.005	mg/g
A-Terpineol	0.4	0.002	0.005	mg/g	beta-Caryophyllene	4.95	0.002	0.005	mg/g
beta-Myrcene	< LOQ	0.002	0.005	mg/g	beta-Pinene	0.58	0.002	0.005	mg/g
Camphene	< LOQ	0.002	0.005	mg/g	Camphor	< LOQ	0.002	0.005	mg/g
Carvacrol	< LOQ	0.002	0.005	mg/g	Carvone	< LOQ	0.002	0.005	mg/g
Caryophyllene Oxide	0.31	0.002	0.005	mg/g	Cedrol	< LOQ	0.002	0.005	mg/g
Cis-beta-Farnesene	0.43	0.002	0.005	mg/g	Cis-beta-Ocimene	1.42	0.002	0.005	mg/g
cis-Nerolidol	0.76	0.002	0.005	mg/g	Citral	< LOQ	0.002	0.005	mg/g
Citronellol	< LOQ	0.002	0.005	mg/g	Endo-fenchyl alcohol	0.4	0.002	0.005	mg/g
Eucalyptol	< LOQ	0.002	0.005	mg/g	Farnesol 1	0.91	0.002	0.005	mg/g
Farnesol 2	< LOQ	0.002	0.005	mg/g	gamma-Terpinene	< LOQ	0.002	0.005	mg/g
Geraniol	< LOQ	0.002	0.005	mg/g	Geranyl acetate	0.07	0.002	0.005	mg/g
Guaiol	0.47	0.002	0.005	mg/g	Isoborneol	< LOQ	0.002	0.005	mg/g
Isobornyl Acetate	< LOQ	0.002	0.005	mg/g	Isopulegol	< LOQ	0.002	0.005	mg/g
Limonene	3.05	0.002	0.005	mg/g	Linalool	0.5	0.002	0.005	mg/g
Menthol	< LOQ	0.002	0.005	mg/g	Menthone	< LOQ	0.002	0.005	mg/g
Nootkatone	< LOQ	0.002	0.005	mg/g	Octyl Acetate	< LOQ	0.002	0.005	mg/g
p-Cymene	< LOQ	0.002	0.005	mg/g	Phytane	< LOQ	0.002	0.005	mg/g
Piperitone	< LOQ	0.002	0.005	mg/g	Pulegone	< LOQ	0.002	0.005	mg/g
Sabinene	< LOQ	0.002	0.005	mg/g	Sabinene hydrate	< LOQ	0.002	0.005	mg/g
Safranal	< LOQ	0.002	0.005	mg/g	Squalene	< LOQ	0.002	0.005	mg/g
Terpinen-4-ol	< LOQ	0.002	0.005	mg/g	Terpinolene	1.7	0.002	0.005	mg/g
Thymol	< LOQ	0.002	0.005	mg/g	trans-beta-Farnesene	0.36	0.002	0.005	mg/g
trans-beta-Ocimene	< LOQ	0.002	0.005	mg/g	trans-Nerolidol	< LOQ	0.002	0.005	mg/g
Valencene	< LOQ	0.002	0.005	mg/g	Verbenone	< LOQ	0.002	0.005	mg/g
Total Terpenes	19.92	0.002	0.005	mg/g					

ND - Compound not detected, <LOQ - Results below the Limit of Quantitation
Terpenes are not Accredited by ORELAP to TNI 2016 and ISO 17025



Nolan Mundie
Lab Director - 10/18/2024

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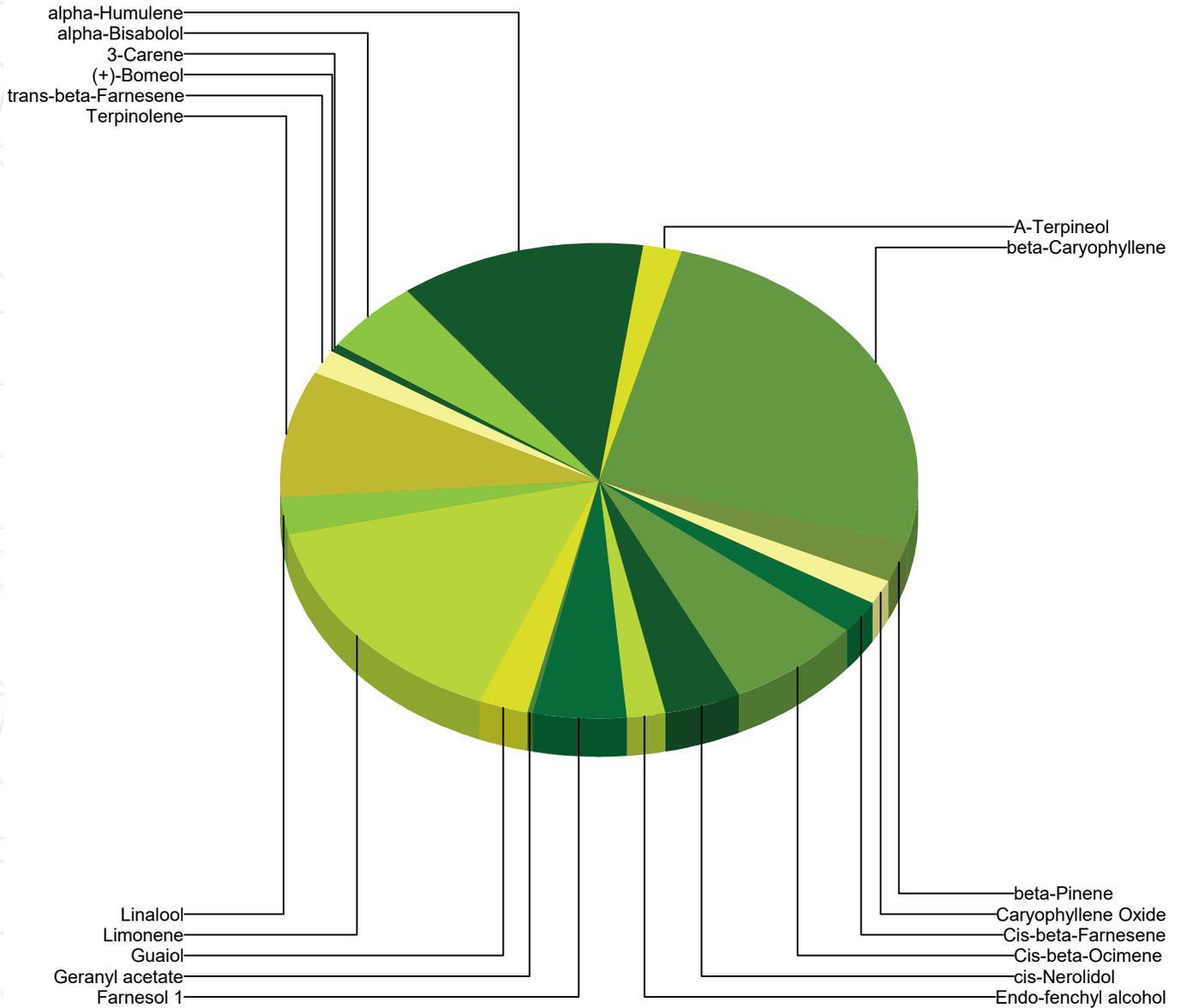
Source ID:

Date Sampled: 10/14/24

Date Accepted: 10/14/24

Fern Valley Farms
fernvalleycbd@gmail.com

Terpene Profile



Percentage of Total Terpenes Identified



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Quality Control Potency

Batch: 2442037 - 215-Hemp

Blank(2442037-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		10/17/24 08:56	10/17/24 16:28	
THCA	< LOQ	5.000E-4	%		10/17/24 08:56	10/17/24 16:28	
delta 9-THC	< LOQ	0.0005	%		10/17/24 08:56	10/17/24 16:28	
delta 9-THC	< LOQ	5.000E-4	%		10/17/24 08:56	10/17/24 16:28	
delta 8-THC	< LOQ	0.004	%		10/17/24 08:56	10/17/24 16:28	
delta 8-THC	< LOQ	0.004490	%		10/17/24 08:56	10/17/24 16:28	
THCV	< LOQ	0.005	%		10/17/24 08:56	10/17/24 16:28	
THCV	< LOQ	0.005055	%		10/17/24 08:56	10/17/24 16:28	
THCVA	< LOQ	0.002	%		10/17/24 08:56	10/17/24 16:28	
THCVA	< LOQ	0.001885	%		10/17/24 08:56	10/17/24 16:28	
CBD	< LOQ	0.0005	%		10/17/24 08:56	10/17/24 16:28	
CBD	< LOQ	5.000E-4	%		10/17/24 08:56	10/17/24 16:28	
CBDA	< LOQ	0.0005	%		10/17/24 08:56	10/17/24 16:28	
CBDA	< LOQ	5.000E-4	%		10/17/24 08:56	10/17/24 16:28	
CBDV	< LOQ	0.005	%		10/17/24 08:56	10/17/24 16:28	
CBDV	< LOQ	0.005000	%		10/17/24 08:56	10/17/24 16:28	
CBDVA	< LOQ	0.002	%		10/17/24 08:56	10/17/24 16:28	
CBDVA	< LOQ	0.001640	%		10/17/24 08:56	10/17/24 16:28	
CBN	< LOQ	0.003	%		10/17/24 08:56	10/17/24 16:28	
CBN	< LOQ	0.002990	%		10/17/24 08:56	10/17/24 16:28	
CBG	< LOQ	0.0008	%		10/17/24 08:56	10/17/24 16:28	
CBG	< LOQ	7.900E-4	%		10/17/24 08:56	10/17/24 16:28	
CBGA	< LOQ	0.0008	%		10/17/24 08:56	10/17/24 16:28	
CBGA	< LOQ	7.900E-4	%		10/17/24 08:56	10/17/24 16:28	
CBC	< LOQ	0.009	%		10/17/24 08:56	10/17/24 16:28	
CBC	< LOQ	0.008965	%		10/17/24 08:56	10/17/24 16:28	

Reference(2442037-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	94.7	0.0005	%	90-110	10/17/24 08:56	10/17/24 16:50	
THCA	94.7	5.000E-4	%	90-110	10/17/24 08:56	10/17/24 16:50	
delta 9-THC	109	5.000E-4	%	90-110	10/17/24 08:56	10/17/24 16:50	
delta 9-THC	109	0.0005	%	90-110	10/17/24 08:56	10/17/24 16:50	
delta 8-THC	91.1	0.004	%	90-110	10/17/24 08:56	10/17/24 16:50	
delta 8-THC	91.1	0.004490	%	90-110	10/17/24 08:56	10/17/24 16:50	
CBD	91.9	0.0005	%	90-110	10/17/24 08:56	10/17/24 16:50	
CBD	91.9	5.000E-4	%	90-110	10/17/24 08:56	10/17/24 16:50	
CBDA	96.2	5.000E-4	%	90-110	10/17/24 08:56	10/17/24 16:50	
CBDA	96.2	0.0005	%	90-110	10/17/24 08:56	10/17/24 16:50	



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Quality Control Moisture Content

Batch: 2442023 - 103

Blank(2442023-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.280		%		10/16/24 14:12	10/16/24 14:12	

Blank(2442023-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.280		%		10/16/24 14:12	10/16/24 14:12	

Reference(2442023-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	103		%	80-120	10/16/24 14:12	10/16/24 14:12	

Reference(2442023-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	88.7		%	80-120	10/16/24 14:12	10/16/24 14:12	

Batch: 2442037 - 215-Hemp

Blank(2442037-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Camphene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Camphor	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
3-Carene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
beta-Caryophyllene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Caryophyllene Oxide	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
alpha-Cedrene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Cedrol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Endo-fenchyl alcohol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Eucalyptol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Geraniol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Geranyl acetate	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Guaiol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
alpha-Humulene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Isoborneol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Isopulegol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Limonene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Linalool	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
beta-Myrcene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
trans-Nerolidol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
alpha-Pinene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
beta-Pinene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Pulegone	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Sabinene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Sabinene hydrate	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	



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Quality Control Terpene Analysis (Continued)

Batch: 2442037 - 215-Hemp (Continued)

Blank(2442037-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
gamma-Terpinene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
alpha-Terpinene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Terpinolene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Valencene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Verbenone	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
trans-beta-Farnesene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
A-Terpineol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
cis-Nerolidol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Thymol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Terpinen-4-ol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Squalene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Safranal	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Piperitone	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Phytane	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
p-Cymene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Octyl Acetate	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Nootkatone	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Menthone	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Menthol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Isobornyl Acetate	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Farnesol 1	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Carvone	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
alpha-Thujone	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Alpha-Phellandrene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
(+)-Borneol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
(-)-Borneol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Carvacrol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
trans-beta-Ocimene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Cis-beta-Ocimene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Citral	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Citronellol	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Farnesol 2	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	
Cis-beta-Farnesene	< LOQ	0.000500	%		10/17/24 08:56	10/17/24 19:49	

Reference(2442037-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
alpha-Bisabolol	82.3	0.00025	%	70-130	10/17/24 08:56	10/17/24 20:07	
beta-Caryophyllene	89.5	0.00025	%	70-130	10/17/24 08:56	10/17/24 20:07	
alpha-Humulene	93.9	0.00025	%	70-130	10/17/24 08:56	10/17/24 20:07	



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Lab Director - 10/18/2024

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Quality Control Terpene Analysis (Continued)

Batch: 2442037 - 215-Hemp (Continued)

Reference(2442037-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Limonene	75.7	0.00025	%	70-130	10/17/24 08:56	10/17/24 20:07	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 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
 - 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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