



D8 Super Sour Space Candy

Sample ID: G4J0166-05

Matrix: Industrial Hemp

Test ID: 5027260

Source ID:

Date Sampled: 10/14/24

Date Accepted: 10/14/24

Fern Valley Farms
fernvalleycbd@gmail.com

Results at a Glance

Total THC : 0.3274 %

Total CBD : 8.180 %

Total CBG : 0.6996 %



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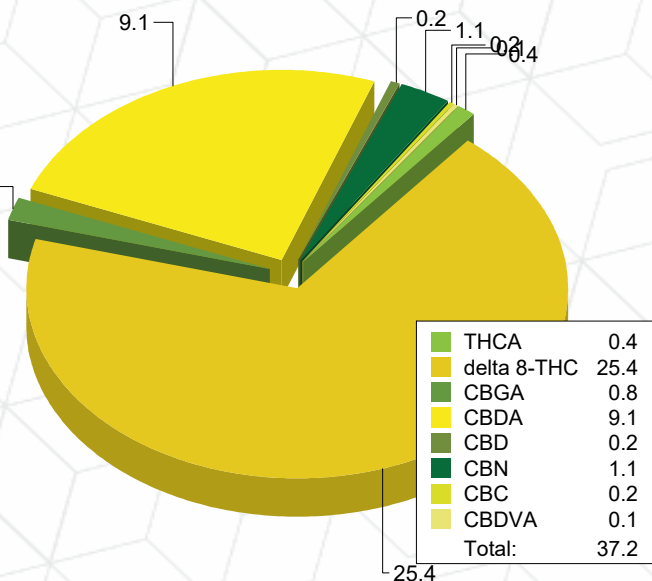
Potency Analysis

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

Analysis Method/SOP: 215

Batch Identification: 2442037

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.009080	0.3274	3.274	
Total CBD	0.01079	8.180	81.8	
Total CBG	7.900E-4	0.6996	6.996	
THCA	5.000E-4	0.3734	3.734	
delta 9-THC	5.000E-4	< LOQ	< LOQ	
delta 8-THC	0.02335	25.45	254.5	
THCV	0.005055	< LOQ	< LOQ	
THCVA	0.001885	< LOQ	< LOQ	
CBD	0.002600	0.2144	2.144	
CBDA	0.002600	9.082	90.82	
CBDV	0.005000	< LOQ	< LOQ	
CBDVA	0.001640	0.07772	0.7772	
CBN	0.002990	1.083	10.83	
CBG	7.900E-4	< LOQ	< LOQ	
CBGA	7.900E-4	0.7968	7.968	
CBC	0.008965	0.1550	1.55	



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



Quality Control Potency

Batch: 2442037 - 215-Hemp

Blank(2442037-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	5.000E-4	%		10/17/24 08:56	10/17/24 16:28	
THCA	< 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 9-THC	< LOQ	0.0005	%		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	0.002990	%		10/17/24 08:56	10/17/24 16:28	
CBN	< LOQ	0.003	%		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	0.0005	%	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 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	0.0005	%	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	



Nolan Mundie
Lab Director - 10/18/2024

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This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



Quality Control Terpene Analysis

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	
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	



Quality Control Terpene Analysis (Continued)

Batch: 2442037 - 215-Hemp (Continued)

Blank(2442037-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
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	
Limonene	75.7	0.00025	%	70-130	10/17/24 08:56	10/17/24 20:07	



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
C	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
TPP	recovery accuracy in Matrix Spike.
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