



D8 Cookie Dough

Sample ID: G4C0188-04

Matrix: Industrial Hemp

Test ID: 5027385

Source ID:

Date Accepted: 03/13/24

Date Sampled: 03/13/24

PharmaCBD

Results at a Glance

Total THC : 0.2304 %

Total CBD : 10.03 %

Total CBG : 0.05786 %

delta 8-THC : 26.64 % **PASS**



**ISO 17025
ACCREDITED
LABORATORY**

Nolan Mundie
Lab Director - 3/18/2024

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PharmaCBD

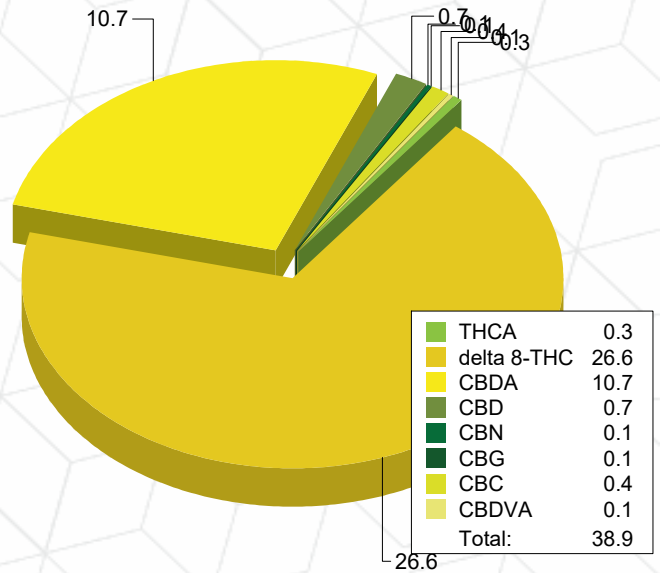
Potency Analysis

Date/Time Extracted: 03/14/24 11:47

Analysis Method/SOP: 215

Batch Identification: 2411058

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.009080	0.2304	2.304	
Total CBD	0.01079	10.03	100.3	
Total CBG	7.900E-4	0.05786	0.5786	
THCA	5.000E-4	0.2627	2.627	
delta 9-THC	5.000E-4	< LOQ	< LOQ	
delta 8-THC	0.02335	26.64	266.4	
THCV	0.005055	< LOQ	< LOQ	
THCVA	0.001885	< LOQ	< LOQ	
CBD	0.002600	0.6775	6.775	
CBDA	0.002600	10.67	106.7	
CBDV	0.005000	< LOQ	< LOQ	
CBDVA	0.001640	0.09346	0.9346	
CBN	0.002990	0.09876	0.9876	
CBG	7.900E-4	0.05786	0.5786	
CBGA	7.900E-4	< LOQ	< LOQ	
CBC	0.008965	0.4288	4.288	



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



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Quality Control Potency

Batch: 2411058 - 215-Hemp

Blank(2411058-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	5.000E-4	%		03/14/24 11:47	03/14/24 13:28	
delta 9-THC	< LOQ	5.000E-4	%		03/14/24 11:47	03/14/24 13:28	
delta 8-THC	< LOQ	0.004490	%		03/14/24 11:47	03/14/24 13:28	
THCV	< LOQ	0.005055	%		03/14/24 11:47	03/14/24 13:28	
THCVA	< LOQ	0.001885	%		03/14/24 11:47	03/14/24 13:28	
CBD	< LOQ	5.000E-4	%		03/14/24 11:47	03/14/24 13:28	
CBDA	< LOQ	5.000E-4	%		03/14/24 11:47	03/14/24 13:28	
CBDV	< LOQ	0.005000	%		03/14/24 11:47	03/14/24 13:28	
CBDVA	< LOQ	0.001640	%		03/14/24 11:47	03/14/24 13:28	
CBN	< LOQ	0.002990	%		03/14/24 11:47	03/14/24 13:28	
CBG	< LOQ	7.900E-4	%		03/14/24 11:47	03/14/24 13:28	
CBGA	< LOQ	7.900E-4	%		03/14/24 11:47	03/14/24 13:28	
CBC	< LOQ	0.008965	%		03/14/24 11:47	03/14/24 13:28	

Reference(2411058-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	103	5.000E-4	%	90-110	03/14/24 11:47	03/14/24 13:39	
delta 9-THC	103	5.000E-4	%	90-110	03/14/24 11:47	03/14/24 13:39	
delta 8-THC	91.7	0.004490	%	90-110	03/14/24 11:47	03/14/24 13:39	
CBD	97.5	5.000E-4	%	90-110	03/14/24 11:47	03/14/24 13:39	
CBDA	110	5.000E-4	%	90-110	03/14/24 11:47	03/14/24 13:39	



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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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