



Calm-05 Duplicate

Sample ID: G2L0110-02

Matrix: Hemp Products

Test ID: 5012284

Source ID:

Date Sampled: 12/07/22

Date Accepted: 12/07/22

Danodan Hempworks
info@danodan.com

Potency Analysis

Date/Time Extracted: 12/09/22 12:06

Analysis Method/SOP: 215

Batch Identification: 2250049

Cannabinoids	LOQ (%)	mg/g	mg/mL	Cannabinoids Profile										
Total THC	0.0005	0.36	0.392	<table border="1"> <tr><td>delta 9-THC</td><td>0.0</td></tr> <tr><td>CBD</td><td>1.5</td></tr> <tr><td>CBG</td><td>0.0</td></tr> <tr><td>CBC</td><td>0.0</td></tr> <tr><td>Total</td><td>1.6</td></tr> </table>	delta 9-THC	0.0	CBD	1.5	CBG	0.0	CBC	0.0	Total	1.6
delta 9-THC	0.0													
CBD	1.5													
CBG	0.0													
CBC	0.0													
Total	1.6													
Total CBD	0.0020	15.17	16.5											
THCA	0.0005	< LOQ	< LOQ											
delta 9-THC	0.0005	0.36	0.392											
delta 8-THC	0.0196	< LOQ	< LOQ											
THCV	0.0153	< LOQ	< LOQ											
THCVA	0.0229	< LOQ	< LOQ											
CBD	0.0020	15.17	16.5											
CBDA	0.0020	< LOQ	< LOQ											
CBDV	0.0157	< LOQ	< LOQ											
CBDVA	0.0216	< LOQ	< LOQ											
CBN	0.0141	< LOQ	< LOQ											
CBG	0.0164	0.305	0.332											
CBGA	0.0218	< LOQ	< LOQ											
CBC	0.0206	0.489	0.533											

Unit weight = 1.089 g as provided by client

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

Eric Wendt
Chief Science Officer - 12/14/2022

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Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.0356 %	0.0351 %	0.0360 %	2.53 % PASS
Total CBD:	1.534 %	1.550 %	1.517 %	2.15 % PASS



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Quality Control Potency

Batch: 2250049 - 215-Products

Blank(2250049-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0078	%		12/09/22 12:06	12/09/22 19:38	
delta 9-THC	< LOQ	0.0078	%		12/09/22 12:06	12/09/22 19:38	
delta 8-THC	< LOQ	0.3009	%		12/09/22 12:06	12/09/22 19:38	
THCV	< LOQ	0.2348	%		12/09/22 12:06	12/09/22 19:38	
THCVA	< LOQ	0.3514	%		12/09/22 12:06	12/09/22 19:38	
CBD	< LOQ	0.0078	%		12/09/22 12:06	12/09/22 19:38	
CBDA	< LOQ	0.0078	%		12/09/22 12:06	12/09/22 19:38	
CBDV	< LOQ	0.2416	%		12/09/22 12:06	12/09/22 19:38	
CBDVA	< LOQ	0.3318	%		12/09/22 12:06	12/09/22 19:38	
CBN	< LOQ	0.2170	%		12/09/22 12:06	12/09/22 19:38	
CBG	< LOQ	0.2524	%		12/09/22 12:06	12/09/22 19:38	
CBGA	< LOQ	0.3345	%		12/09/22 12:06	12/09/22 19:38	
CBC	< LOQ	0.3166	%		12/09/22 12:06	12/09/22 19:38	

Reference(2250049-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	94.9	0.0100	%	90-110	12/09/22 12:06	12/10/22 11:25	
delta 9-THC	106	0.0100	%	90-110	12/09/22 12:06	12/10/22 11:25	
delta 8-THC	104	0.3823	%	90-110	12/09/22 12:06	12/10/22 11:25	
CBD	106	0.0100	%	90-110	12/09/22 12:06	12/10/22 11:25	
CBDA	105	0.0100	%	90-110	12/09/22 12:06	12/10/22 11:25	



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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.
- C Interference due to co-elution
- CBD CBD matrix interference on GC Pest chromatography
- CV1 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- CV2 CCV was below acceptance criteria, sample still exceeds regulatory limit.
- INF One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISH Internal Standard concentration is above acceptance criteria.
- ISL Internal Standard concentration is below acceptance criteria.
- MSH Matrix Spike High - Matrix Spike recovery above method limits.
- MSI 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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