



ORF22009-0201

Sample ID: G2D0424-02

Matrix: Hemp Products

Test ID: 5021159

Source ID:

Date Sampled: 04/27/22

Date Accepted: 04/27/22

Harvest/Prod. Date: 4/18/2022

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.0170 %

Total CBD : 0.5812 %

Total CBG : 0.1903 %



ISO 17025
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LABORATORY

Eric Wendt
Chief Science Officer - 4/29/2022

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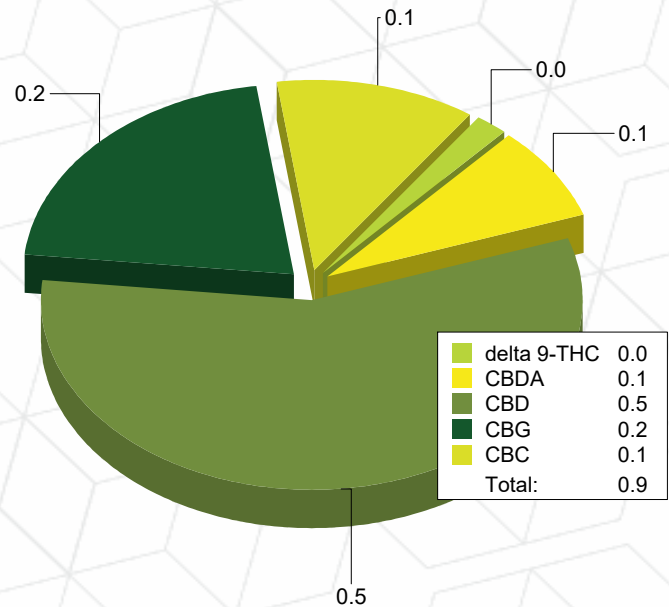
Potency Analysis

Date/Time Extracted: 04/28/22 13:44

Analysis Method/SOP: 215

Batch Identification: 2218036

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0005	0.17		
Total CBD	0.0005	5.812		
Total CBG	0.0134	1.903		
THCA	0.0005	< LOQ		
delta 9-THC	0.0005	0.17		
delta 8-THC	0.0185	< LOQ		
THCV	0.0145	< LOQ		
THCVA	0.0216	< LOQ		
CBD	0.0005	5.161		
CBDA	0.0005	0.742		
CBDV	0.0149	< LOQ		
CBDVA	0.0204	< LOQ		
CBN	0.0134	< LOQ		
CBG	0.0155	1.903		
CBGA	0.0206	< LOQ		
CBC	0.0195	1.083		



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.



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Quality Control Potency

Batch: 2218036 - 215-Products

Blank(2218036-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		04/28/22 13:44	04/28/22 21:24	
delta 9-THC	< LOQ	0.0005	%		04/28/22 13:44	04/28/22 21:24	
delta 8-THC	< LOQ	0.0192	%		04/28/22 13:44	04/28/22 21:24	
THCV	< LOQ	0.0150	%		04/28/22 13:44	04/28/22 21:24	
THCVA	< LOQ	0.0224	%		04/28/22 13:44	04/28/22 21:24	
CBD	< LOQ	0.0005	%		04/28/22 13:44	04/28/22 21:24	
CBDA	< LOQ	0.0005	%		04/28/22 13:44	04/28/22 21:24	
CBDV	< LOQ	0.0154	%		04/28/22 13:44	04/28/22 21:24	
CBDVA	< LOQ	0.0212	%		04/28/22 13:44	04/28/22 21:24	
CBN	< LOQ	0.0138	%		04/28/22 13:44	04/28/22 21:24	
CBG	< LOQ	0.0161	%		04/28/22 13:44	04/28/22 21:24	
CBGA	< LOQ	0.0213	%		04/28/22 13:44	04/28/22 21:24	
CBC	< LOQ	0.0202	%		04/28/22 13:44	04/28/22 21:24	

Reference(2218036-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	105	0.0050	%	90-110	04/28/22 13:44	04/28/22 21:47	
delta 9-THC	96.3	0.0050	%	90-110	04/28/22 13:44	04/28/22 21:47	
delta 8-THC	99.0	0.1914	%	90-110	04/28/22 13:44	04/28/22 21:47	
CBD	94.6	0.0050	%	90-110	04/28/22 13:44	04/28/22 21:47	
CBDA	100	0.0050	%	90-110	04/28/22 13:44	04/28/22 21:47	



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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.

- 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 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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