



RF021007-0102

Sample ID: G2A0252-02

Matrix: Hemp Products

Test ID: 5021136

Source ID:

Date Sampled: 01/19/22

Date Accepted: 01/19/22

Harvest/Prod. Date: 01/17/2022

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.0208 %

Total CBD : 0.5785 %

Total CBG : 0.2047 %



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 1/21/2022

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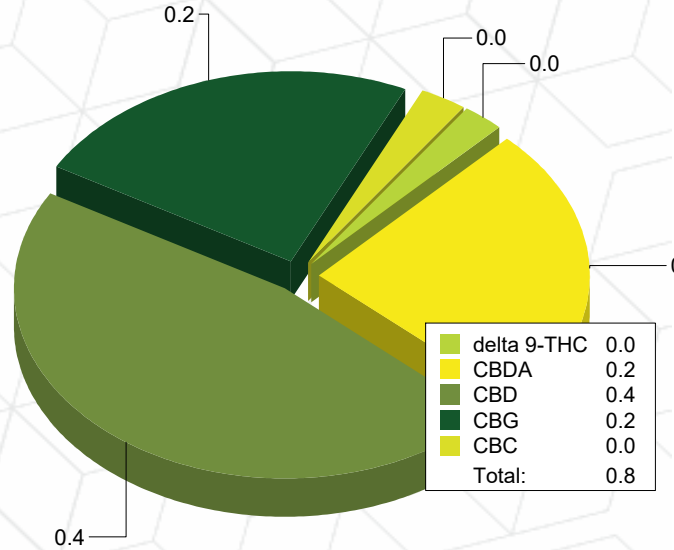
Potency Analysis

Date/Time Extracted: 01/20/22 09:33

Analysis Method/SOP: 215

Batch Identification: 2204024

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0005	0.208		
Total CBD	0.0005	5.785		
Total CBG	0.0137	2.047		
THCA	0.0005	< LOQ		
delta 9-THC	0.0005	0.208		
delta 8-THC	0.0190	< LOQ		
THCV	0.0148	< LOQ		
THCVA	0.0221	< LOQ		
CBD	0.0005	3.962		
CBDA	0.0005	2.079		
CBDV	0.0152	< LOQ		
CBDVA	0.0209	< LOQ		
CBN	0.0137	< LOQ		
CBG	0.0159	2.008		
CBGA	0.0211	< LOQ		
CBC	0.0199	0.238		



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: 2204024 - 215-Products

Blank(2204024-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/20/22 09:33	01/20/22 19:27	
delta 9-THC	< LOQ	0.0005	%		01/20/22 09:33	01/20/22 19:27	
delta 8-THC	< LOQ	0.0192	%		01/20/22 09:33	01/20/22 19:27	
THCV	< LOQ	0.0150	%		01/20/22 09:33	01/20/22 19:27	
THCVA	< LOQ	0.0224	%		01/20/22 09:33	01/20/22 19:27	
CBD	< LOQ	0.0005	%		01/20/22 09:33	01/20/22 19:27	
CBDA	< LOQ	0.0005	%		01/20/22 09:33	01/20/22 19:27	
CBDV	< LOQ	0.0154	%		01/20/22 09:33	01/20/22 19:27	
CBDVA	< LOQ	0.0212	%		01/20/22 09:33	01/20/22 19:27	
CBN	< LOQ	0.0138	%		01/20/22 09:33	01/20/22 19:27	
CBG	< LOQ	0.0161	%		01/20/22 09:33	01/20/22 19:27	
CBGA	< LOQ	0.0213	%		01/20/22 09:33	01/20/22 19:27	
CBC	< LOQ	0.0202	%		01/20/22 09:33	01/20/22 19:27	

Reference(2204024-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	104	0.0005	%	80-120	01/20/22 09:33	01/20/22 19:50	
CBD	112	0.0005	%	80-120	01/20/22 09:33	01/20/22 19:50	



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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.
- 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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