



RF022012-0103

Sample ID: G3C0105-02RE1

Matrix: Hemp Products

Test ID: 5023597

Source ID:

Date Sampled: 03/07/23

Date Accepted: 03/07/23

Harvest/Prod. Date: 03.01.2023

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.0184 %

Total CBD : 0.5813 %

Total CBG : 0.1852 %



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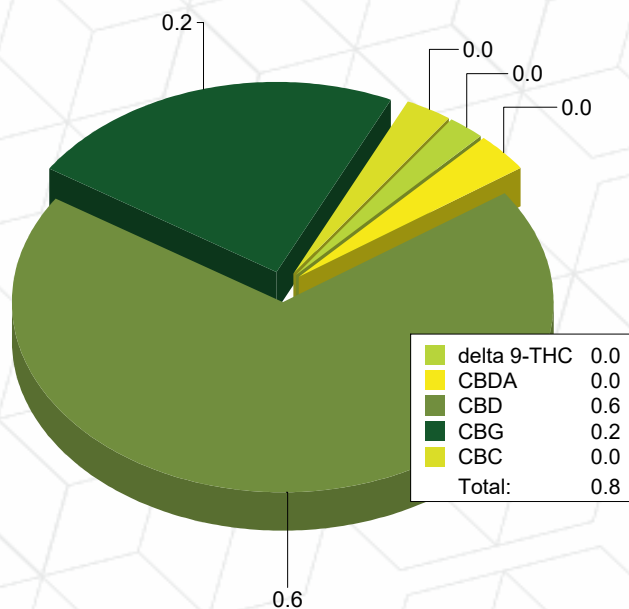
Potency Analysis by HPLC

Date/Time Extracted: 03/10/23 11:02

Analysis Method/SOP: 215

Batch Identification: 2310069

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0001	0.184	
Total CBD	0.0005	5.813	
Total CBG	0.0035	1.852	
THCA	0.0001	< LOQ	
delta 9-THC	0.0001	0.184	
delta 8-THC	0.0048	< LOQ	
THCV	0.0038	< LOQ	
THCVA	0.0056	< LOQ	
CBD	0.0005	5.576	
CBDA	0.0005	0.27	
CBDV	0.0039	< LOQ	
CBDVA	0.0053	< LOQ	
CBN	0.0035	< LOQ	
CBG	0.0041	1.847	
CBGA	0.0054	< LOQ	
CBC	0.0051	0.216	



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.



Patrick Hermonson

Patrick Hermonson
Chemist - 3/13/2023

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



Quality Control Potency

Batch: 2310069 - 215-Products

Blank(2310069-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0081	%		03/10/23 11:02	03/10/23 18:07	
delta 9-THC	< LOQ	0.0081	%		03/10/23 11:02	03/10/23 18:07	
delta 8-THC	< LOQ	0.3107	%		03/10/23 11:02	03/10/23 18:07	
THCV	< LOQ	0.2424	%		03/10/23 11:02	03/10/23 18:07	
THCVA	< LOQ	0.3628	%		03/10/23 11:02	03/10/23 18:07	
CBD	< LOQ	0.0081	%		03/10/23 11:02	03/10/23 18:07	
CBDA	< LOQ	0.0081	%		03/10/23 11:02	03/10/23 18:07	
CBDV	< LOQ	0.2494	%		03/10/23 11:02	03/10/23 18:07	
CBDVA	< LOQ	0.3426	%		03/10/23 11:02	03/10/23 18:07	
CBN	< LOQ	0.2240	%		03/10/23 11:02	03/10/23 18:07	
CBG	< LOQ	0.2605	%		03/10/23 11:02	03/10/23 18:07	
CBGA	< LOQ	0.3454	%		03/10/23 11:02	03/10/23 18:07	
CBC	< LOQ	0.3269	%		03/10/23 11:02	03/10/23 18:07	

Reference(2310069-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	92.5	0.0097	%	90-110	03/10/23 11:02	03/11/23 13:28	
delta 9-THC	103	0.0097	%	90-110	03/10/23 11:02	03/11/23 13:28	
delta 8-THC	95.1	0.3741	%	90-110	03/10/23 11:02	03/11/23 13:28	
CBD	96.1	0.0097	%	90-110	03/10/23 11:02	03/11/23 13:28	
CBDA	92.4	0.0097	%	90-110	03/10/23 11:02	03/11/23 13:28	



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