



ORX22012-0101

Sample ID: G2F0065-04

Matrix: Hemp Products

Test ID: 5021296

Source ID:

Date Sampled: 06/04/22

Date Accepted: 06/04/22

Harvest/Prod. Date: 5.30.22

Periodic Caramels
shane@periodiccaramels.com

Results at a Glance

Total THC : 0.0174 %

Total CBD : 0.5927 %

CBN : 0.2242 % PASS



ISO 17025
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LABORATORY

Eric Wendt
Chief Science Officer - 6/7/2022

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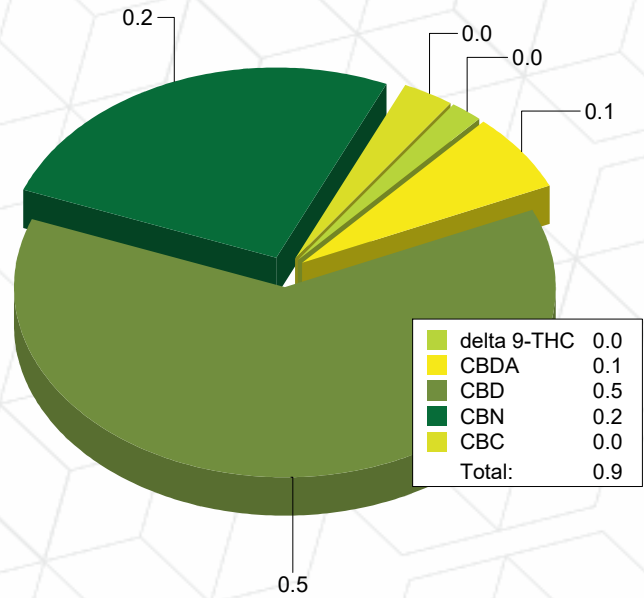
Potency Analysis

Date/Time Extracted: 06/04/22 11:46

Analysis Method/SOP: 215

Batch Identification: 2223036

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0004	0.174		
Total CBD	0.0004	5.927		
THCA	0.0004	< LOQ		
delta 9-THC	0.0004	0.174		
delta 8-THC	0.0171	< LOQ		
THCV	0.0133	< LOQ		
THCVA	0.0200	< LOQ		
CBD	0.0004	5.422		
CBDA	0.0004	0.576		
CBDV	0.0137	< LOQ		
CBDVA	0.0189	< LOQ		
CBN	0.0123	2.242		
CBG	0.0143	< LOQ		
CBGA	0.0190	< LOQ		
CBC	0.0180	0.255		



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: 2223036 - 215-Products

Blank(2223036-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0010	%		06/04/22 11:46	06/04/22 18:56	
delta 9-THC	< LOQ	0.0010	%		06/04/22 11:46	06/04/22 18:56	
delta 8-THC	< LOQ	0.0384	%		06/04/22 11:46	06/04/22 18:56	
THCV	< LOQ	0.0300	%		06/04/22 11:46	06/04/22 18:56	
THCVA	< LOQ	0.0448	%		06/04/22 11:46	06/04/22 18:56	
CBD	< LOQ	0.0010	%		06/04/22 11:46	06/04/22 18:56	
CBDA	< LOQ	0.0010	%		06/04/22 11:46	06/04/22 18:56	
CBDV	< LOQ	0.0308	%		06/04/22 11:46	06/04/22 18:56	
CBDVA	< LOQ	0.0423	%		06/04/22 11:46	06/04/22 18:56	
CBN	< LOQ	0.0277	%		06/04/22 11:46	06/04/22 18:56	
CBG	< LOQ	0.0322	%		06/04/22 11:46	06/04/22 18:56	
CBGA	< LOQ	0.0427	%		06/04/22 11:46	06/04/22 18:56	
CBC	< LOQ	0.0404	%		06/04/22 11:46	06/04/22 18:56	

Reference(2223036-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	102	0.0048	%	90-110	06/04/22 11:46	06/04/22 19:19	
delta 9-THC	98.2	0.0048	%	90-110	06/04/22 11:46	06/04/22 19:19	
delta 8-THC	100	0.1860	%	90-110	06/04/22 11:46	06/04/22 19:19	
CBD	98.8	0.0048	%	90-110	06/04/22 11:46	06/04/22 19:19	
CBDA	101	0.0048	%	90-110	06/04/22 11:46	06/04/22 19:19	



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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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