



### RND CBN Oil

Sample ID: G1K0329-01

Matrix: Hemp Products

Test ID: 5020995

Source ID:

Date Sampled: 11/19/21

Date Accepted: 11/19/21

Harvest/Prod. Date: 11/10/21

*Periodic Caramels*

### Results at a Glance

Total THC : <LOQ (0.0613%) %

Total CBD : 0.5756 %

CBN : 0.2175 % **PASS**



**ISO 17025  
ACCREDITED  
LABORATORY**

Eric Wendt  
Chief Science Officer - 11/23/2021

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### Potency Analysis

Date/Time Extracted: 11/22/21 11:25

Analysis Method/SOP: 215

Batch Identification: 2148006

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0613	< LOQ	<p>0.2</p> <p>0.4</p> <p>0</p> <p>0.2</p> <p>0.4</p> <p>0.2</p> <p>Total: 0.8</p>
Total CBD	0.0639	5.756	
THCA	0.0020	< LOQ	
delta 9-THC	0.0020	< LOQ	
THCV	0.0601	< LOQ	
THCVA	0.0900	< LOQ	
CBD	0.0020	4.091	
CBDA	0.0020	1.899	
CBDV	0.0619	< LOQ	
CBDVA	0.0850	< LOQ	
CBN	0.0555	2.175	
CBG	0.0646	< LOQ	
CBGA	0.0856	< LOQ	
CBC	0.0811	< LOQ	

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: 2148006 - 215-Products

Blank(2148006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		11/22/21 11:25	11/22/21 17:45	
delta 9-THC	< LOQ	0.0005	%		11/22/21 11:25	11/22/21 17:45	
THCV	< LOQ	0.0150	%		11/22/21 11:25	11/22/21 17:45	
THCVA	< LOQ	0.0224	%		11/22/21 11:25	11/22/21 17:45	
CBD	< LOQ	0.0005	%		11/22/21 11:25	11/22/21 17:45	
CBDA	< LOQ	0.0005	%		11/22/21 11:25	11/22/21 17:45	
CBDV	< LOQ	0.0154	%		11/22/21 11:25	11/22/21 17:45	
CBDVA	< LOQ	0.0212	%		11/22/21 11:25	11/22/21 17:45	
CBN	< LOQ	0.0138	%		11/22/21 11:25	11/22/21 17:45	
CBG	< LOQ	0.0161	%		11/22/21 11:25	11/22/21 17:45	
CBGA	< LOQ	0.0213	%		11/22/21 11:25	11/22/21 17:45	
CBC	< LOQ	0.0202	%		11/22/21 11:25	11/22/21 17:45	

Reference(2148006-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	97.1	0.0005	%	80-120	11/22/21 11:25	11/22/21 18:08	
CBD	105	0.0005	%	80-120	11/22/21 11:25	11/22/21 18:08	



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### Notes and Definitions

- 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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