



CBD PAIN RELIEF 500mg

Sample ID: G1K0130-01

Matrix: Hemp Products

Test ID: 5015960

Source ID:

Date Sampled: 11/08/21

Date Accepted: 11/08/21

MJ Packaging

Results at a Glance

Total THC : <LOQ (0.0305%) %

Total CBD : 0.7156 %



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LABORATORY

Eric Wendt
Chief Science Officer - 11/12/2021

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Potency Analysis

Date/Time Extracted: 11/09/21 13:53

Analysis Method/SOP: 215

Batch Identification: 2146011

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0305	< LOQ	<p>A 3D pie chart titled 'Cannabinoids Profile' showing the distribution of cannabinoids. The chart is divided into two segments: a large green segment representing CBD at 0.7 mg/g and a very small dark green segment representing CBG at 0.0 mg/g. A legend box on the right side of the chart lists 'CBD 0.7', 'CBG 0.0', and 'Total: 0.8'. The CBD segment is labeled with '0.7' and the CBG segment is labeled with '0.0'.</p>
Total CBD	0.0319	7.156	
THCA	0.0010	< LOQ	
delta 9-THC	0.0010	< LOQ	
THCV	0.0300	< LOQ	
THCVA	0.0448	< LOQ	
CBD	0.0010	7.156	
CBDA	0.0010	< LOQ	
CBDV	0.0308	< LOQ	
CBDVA	0.0423	< LOQ	
CBN	0.0277	< LOQ	
CBG	0.0322	0.426	
CBGA	0.0427	< LOQ	
CBC	0.0404	< 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: 2146011 - 215-Products

Blank(2146011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		11/09/21 13:53	11/10/21 03:07	
delta 9-THC	< LOQ	0.0005	%		11/09/21 13:53	11/10/21 03:07	
THCV	< LOQ	0.0150	%		11/09/21 13:53	11/10/21 03:07	
THCVA	< LOQ	0.0224	%		11/09/21 13:53	11/10/21 03:07	
CBD	< LOQ	0.0005	%		11/09/21 13:53	11/10/21 03:07	
CBDA	< LOQ	0.0005	%		11/09/21 13:53	11/10/21 03:07	
CBDV	< LOQ	0.0154	%		11/09/21 13:53	11/10/21 03:07	
CBDVA	< LOQ	0.0212	%		11/09/21 13:53	11/10/21 03:07	
CBN	< LOQ	0.0138	%		11/09/21 13:53	11/10/21 03:07	
CBG	< LOQ	0.0161	%		11/09/21 13:53	11/10/21 03:07	
CBGA	< LOQ	0.0213	%		11/09/21 13:53	11/10/21 03:07	
CBC	< LOQ	0.0202	%		11/09/21 13:53	11/10/21 03:07	

Reference(2146011-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	92.6	0.0005	%	80-120	11/09/21 13:53	11/10/21 03:30	
CBD	100	0.0005	%	80-120	11/09/21 13:53	11/10/21 03:30	



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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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