



Relieve CBD Joint & Muscle Gel 300mg

Sample ID: G1E0149-04

Matrix: Hemp Products

Test ID: 5011768

Source ID:

Date Sampled: 05/10/21

Date Accepted: 05/10/21

Batch Lot ID: 21-0429-1

Mission Farms CBD

Results at a Glance

Total THC : 0.0309 %

Total CBD : 1.072 %



**ISO 17025
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LABORATORY**

Eric Wendt
Chief Science Officer - 5/15/2021

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Mission Farms CBD

Potency Analysis

Date/Time Extracted: 05/11/21 10:06

Analysis Method/SOP: 215

Batch Identification: 2120011

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile										
Total THC	0.0153	0.309	9.12	<table border="1"> <tr><td>delta 9-THC</td><td>0.0</td></tr> <tr><td>CBD</td><td>1.1</td></tr> <tr><td>CBG</td><td>0.1</td></tr> <tr><td>CBC</td><td>0.0</td></tr> <tr><td>Total</td><td>1.2</td></tr> </table>	delta 9-THC	0.0	CBD	1.1	CBG	0.1	CBC	0.0	Total	1.2
delta 9-THC	0.0													
CBD	1.1													
CBG	0.1													
CBC	0.0													
Total	1.2													
Total CBD	0.0159	10.72	316											
THCA	0.0221	< LOQ	< LOQ											
delta 9-THC	0.0153	0.309	9.12											
THCV	0.0150	< LOQ	< LOQ											
THCVA	0.0224	< LOQ	< LOQ											
CBD	0.0159	10.72	316											
CBDA	0.0220	< LOQ	< LOQ											
CBDV	0.0154	< LOQ	< LOQ											
CBDVA	0.0212	< LOQ	< LOQ											
CBN	0.0138	< LOQ	< LOQ											
CBG	0.0161	0.621	18.3											
CBGA	0.0213	< LOQ	< LOQ											
CBC	0.0202	0.478	14.1											

Unit weight = 29.5 g as provided by client

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: 2120011 - 215-Products

Blank(2120011-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0221	%		05/11/21 10:06	05/11/21 20:56	
delta 9-THC	< LOQ	0.0153	%		05/11/21 10:06	05/11/21 20:56	
THCV	< LOQ	0.0150	%		05/11/21 10:06	05/11/21 20:56	
THCVA	< LOQ	0.0224	%		05/11/21 10:06	05/11/21 20:56	
CBD	< LOQ	0.0159	%		05/11/21 10:06	05/11/21 20:56	
CBDA	< LOQ	0.0220	%		05/11/21 10:06	05/11/21 20:56	
CBDV	< LOQ	0.0154	%		05/11/21 10:06	05/11/21 20:56	
CBDVA	< LOQ	0.0212	%		05/11/21 10:06	05/11/21 20:56	
CBN	< LOQ	0.0138	%		05/11/21 10:06	05/11/21 20:56	
CBG	< LOQ	0.0161	%		05/11/21 10:06	05/11/21 20:56	
CBGA	< LOQ	0.0213	%		05/11/21 10:06	05/11/21 20:56	
CBC	< LOQ	0.0202	%		05/11/21 10:06	05/11/21 20:56	

Reference(2120011-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	97.7	0.0153	%	80-120	05/11/21 10:06	05/11/21 21:19	
CBD	102	0.0159	%	80-120	05/11/21 10:06	05/11/21 21:19	



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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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