



### Relieve Joint & Muscle Gel 300mg

Sample ID: G110379-12

Matrix: Hemp Products

Test ID: 5019981

Source ID: Batch # 21-0920-1

Date Sampled: 09/21/21

Date Accepted: 09/21/21

*Mission Farms CBD*

#### Results at a Glance

Total THC : 0.0316 %

Total CBD : 1.118 %



**ISO 17025**  
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LABORATORY

Eric Wendt  
Chief Science Officer - 9/22/2021

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### Relieve Joint & Muscle Gel 300mg

Sample ID: G1I0379-12

Matrix: Hemp Products

Test ID: 5019981

Source ID: Batch # 21-0920-1

Date Sampled: 09/21/21

Date Accepted: 09/21/21

**Mission Farms CBD**

### Potency Analysis

Date/Time Extracted: 09/21/21 13:14

Analysis Method/SOP: 215

Batch Identification: 2139020

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0161	0.316	9.16	<p>0.1    0.0</p> <p>1.1</p> <p>           ■ CBD 1.1            ■ CBG 0.1            ■ CBC 0.0            Total: 1.2         </p>
Total CBD	0.0336	11.18	324	
THCA	0.0702	< LOQ	< LOQ	
delta 9-THC	0.0702	< LOQ	< LOQ	
THCV	0.0316	< LOQ	< LOQ	
THCVA	0.0472	< LOQ	< LOQ	
CBD	0.1403	11.18	324	
CBDA	0.1403	< LOQ	< LOQ	
CBDV	0.0325	< LOQ	< LOQ	
CBDVA	0.0446	< LOQ	< LOQ	
CBN	0.0292	< LOQ	< LOQ	
CBG	0.0339	0.598	17.3	
CBGA	0.0450	< LOQ	< LOQ	
CBC	0.0426	0.49	14.2	

Unit weight = 29 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: 2139020 - 215-Products

Blank(2139020-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0666	%		09/21/21 13:14	09/22/21 01:26	
delta 9-THC	< LOQ	0.0666	%		09/21/21 13:14	09/22/21 01:26	
THCV	< LOQ	0.0150	%		09/21/21 13:14	09/22/21 01:26	
THCVA	< LOQ	0.0224	%		09/21/21 13:14	09/22/21 01:26	
CBD	< LOQ	0.0666	%		09/21/21 13:14	09/22/21 01:26	
CBDA	< LOQ	0.0666	%		09/21/21 13:14	09/22/21 01:26	
CBDV	< LOQ	0.0154	%		09/21/21 13:14	09/22/21 01:26	
CBDVA	< LOQ	0.0212	%		09/21/21 13:14	09/22/21 01:26	
CBN	< LOQ	0.0138	%		09/21/21 13:14	09/22/21 01:26	
CBG	< LOQ	0.0161	%		09/21/21 13:14	09/22/21 01:26	
CBGA	< LOQ	0.0213	%		09/21/21 13:14	09/22/21 01:26	
CBC	< LOQ	0.0202	%		09/21/21 13:14	09/22/21 01:26	

Reference(2139020-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	91.0	0.0666	%	80-120	09/21/21 13:14	09/22/21 01:49	
CBD	98.7	0.0666	%	80-120	09/21/21 13:14	09/22/21 01:49	



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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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