



### Relieve CBD Joint and Muscle Gel 300

Sample ID: G3I0233-01

Matrix: Hemp Products

Test ID: 5025551

Source ID: Batch: GEL-1002

Date Sampled: 09/15/23

Date Accepted: 09/15/23

**Mission Farms CBD**  
ben@missionfarmscbd.com

#### Results at a Glance

Total THC : <LOQ (0.0010%) %

Total CBD : 1.145 %



Eric Wendt  
Chief Science Officer - 9/19/2023



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ben@missionfarmscbd.com

### Potency Analysis by HPLC

Date/Time Extracted: 09/18/23 11:30

Analysis Method/SOP: 215

Batch Identification: 2338006

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0010	< LOQ	< LOQ	<p>A 3D pie chart titled 'Cannabinoids Profile' showing the distribution of cannabinoids. The chart is almost entirely green, representing CBD at 1.1. A very small dark green slice represents CBG at 0.0. A legend box on the right of the chart lists: CBD 1.1, CBG 0.0, Total: 1.2. Labels '1.1' and '0.0' are placed near their respective slices.</p>
Total CBD	0.0010	11.45	326	
THCA	0.0010	< LOQ	< LOQ	
delta 9-THC	0.0010	< LOQ	< LOQ	
delta 8-THC	0.0384	< LOQ	< LOQ	
THCV	0.0300	< LOQ	< LOQ	
THCVA	0.0448	< LOQ	< LOQ	
CBD	0.0010	11.45	326	
CBDA	0.0010	< LOQ	< LOQ	
CBDV	0.0308	< LOQ	< LOQ	
CBDVA	0.0423	< LOQ	< LOQ	
CBN	0.0277	< LOQ	< LOQ	
CBG	0.0322	0.358	10.2	
CBGA	0.0427	< LOQ	< LOQ	
CBC	0.0404	< LOQ	< LOQ	

Unit weight = 28.5 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.



**ISO 17025**  
ACCREDITED  
LABORATORY

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### Quality Control Potency

Batch: 2338006 - 215-Products

Blank(2338006-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		09/18/23 11:30	09/18/23 16:41	
delta 9-THC	< LOQ	0.0040	%		09/18/23 11:30	09/18/23 16:41	
delta 8-THC	< LOQ	0.1517	%		09/18/23 11:30	09/18/23 16:41	
THCV	< LOQ	0.1184	%		09/18/23 11:30	09/18/23 16:41	
THCVA	< LOQ	0.1772	%		09/18/23 11:30	09/18/23 16:41	
CBD	< LOQ	0.0040	%		09/18/23 11:30	09/18/23 16:41	
CBDA	< LOQ	0.0040	%		09/18/23 11:30	09/18/23 16:41	
CBDV	< LOQ	0.1218	%		09/18/23 11:30	09/18/23 16:41	
CBDVA	< LOQ	0.1673	%		09/18/23 11:30	09/18/23 16:41	
CBN	< LOQ	0.1094	%		09/18/23 11:30	09/18/23 16:41	
CBG	< LOQ	0.1272	%		09/18/23 11:30	09/18/23 16:41	
CBGA	< LOQ	0.1687	%		09/18/23 11:30	09/18/23 16:41	
CBC	< LOQ	0.1596	%		09/18/23 11:30	09/18/23 16:41	

Reference(2338006-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	103	0.0101	%	90-110	09/18/23 11:30	09/19/23 11:17	
delta 9-THC	103	0.0101	%	90-110	09/18/23 11:30	09/19/23 11:17	
delta 8-THC	103	0.3863	%	90-110	09/18/23 11:30	09/19/23 11:17	
CBD	103	0.0101	%	90-110	09/18/23 11:30	09/19/23 11:17	
CBDA	103	0.0101	%	90-110	09/18/23 11:30	09/19/23 11:17	



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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. Results do not include uncertainty of measurements. Available upon request.

- 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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