



### Relieve 1200mg Muscle Gel

Sample ID: G3I0374-01

Matrix: Hemp Products

Test ID: 5024038

Source ID: LOT: GEL-1003

Date Sampled: 09/25/23

Date Accepted: 09/25/23

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

### Results at a Glance

Total THC : <LOQ (0.0010%) %

Total CBD : 1.181 %



Eric Wendt  
Chief Science Officer - 9/27/2023



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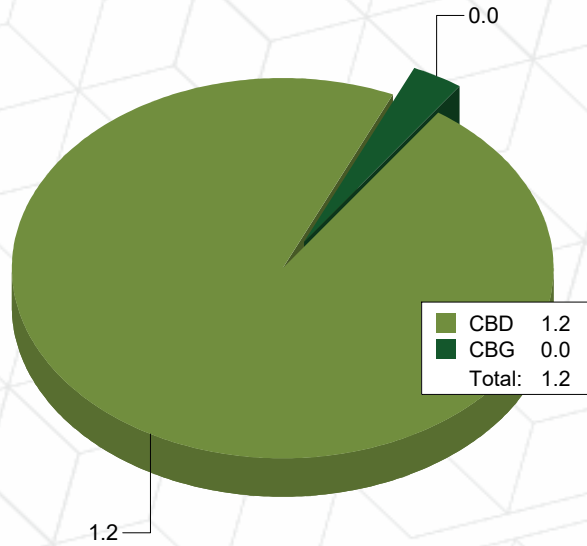
Sample ID: G3I0374-01 Matrix: Hemp Products  
Test ID: 5024038  
Source ID: LOT: GEL-1003  
Date Sampled: 09/25/23 Date Accepted: 09/25/23

Mission Farms CBD  
ben@missionfarmscbd.com

### Potency Analysis by HPLC

Date/Time Extracted: 09/26/23 10:39 Analysis Method/SOP: 215 Batch Identification: 2339013

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0010	< LOQ	< LOQ	
Total CBD	0.0010	11.81	1350	
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	11.81	1350	
CBDA	0.0010	< LOQ	< LOQ	
CBDV	0.0308	< LOQ	< LOQ	
CBDVA	0.0423	< LOQ	< LOQ	
CBN	0.0277	< LOQ	< LOQ	
CBG	0.0322	0.388	44.2	
CBGA	0.0427	< LOQ	< LOQ	
CBC	0.0404	< LOQ	< LOQ	



Unit weight = 114 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: 2339013 - 215-Products

Blank(2339013-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0038	%		09/26/23 10:39	09/26/23 17:02	
delta 9-THC	< LOQ	0.0038	%		09/26/23 10:39	09/26/23 17:02	
delta 8-THC	< LOQ	0.1453	%		09/26/23 10:39	09/26/23 17:02	
THCV	< LOQ	0.1134	%		09/26/23 10:39	09/26/23 17:02	
THCVA	< LOQ	0.1697	%		09/26/23 10:39	09/26/23 17:02	
CBD	< LOQ	0.0038	%		09/26/23 10:39	09/26/23 17:02	
CBDA	< LOQ	0.0038	%		09/26/23 10:39	09/26/23 17:02	
CBDV	< LOQ	0.1166	%		09/26/23 10:39	09/26/23 17:02	
CBDVA	< LOQ	0.1602	%		09/26/23 10:39	09/26/23 17:02	
CBN	< LOQ	0.1048	%		09/26/23 10:39	09/26/23 17:02	
CBG	< LOQ	0.1218	%		09/26/23 10:39	09/26/23 17:02	
CBGA	< LOQ	0.1615	%		09/26/23 10:39	09/26/23 17:02	
CBC	< LOQ	0.1529	%		09/26/23 10:39	09/26/23 17:02	

Reference(2339013-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	109	0.0102	%	90-110	09/26/23 10:39	09/26/23 17:26	
delta 9-THC	102	0.0102	%	90-110	09/26/23 10:39	09/26/23 17:26	
delta 8-THC	102	0.3901	%	90-110	09/26/23 10:39	09/26/23 17:26	
CBD	101	0.0102	%	90-110	09/26/23 10:39	09/26/23 17:26	
CBDA	103	0.0102	%	90-110	09/26/23 10:39	09/26/23 17:26	



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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.
- 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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