



### 2400mg Muscle Gel

Sample ID: G2I0364-01

Matrix: Hemp Products

Test ID: 5026100

Source ID: 22-0920-3KR

Date Sampled: 09/23/22

Date Accepted: 09/23/22

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

### Results at a Glance

Total THC : 0.2297 %

Total CBD : 2.448 %



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 9/26/2022



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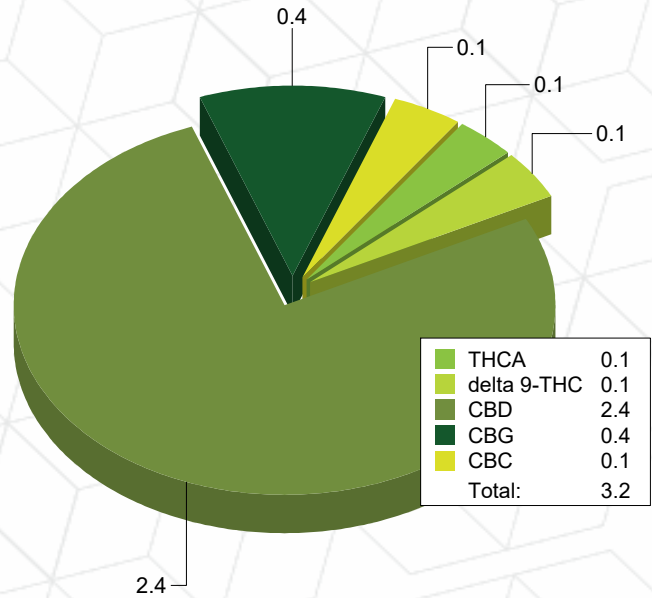
### Potency Analysis

Date/Time Extracted: 09/24/22 10:12

Analysis Method/SOP: 215

Batch Identification: 2239061

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile	
Total THC	0.0020	2.297	262		
Total CBD	0.0020	24.48	2790		
THCA	0.0020	1.114	127		
delta 9-THC	0.0020	1.32	150		
delta 8-THC	0.0768	< LOQ	< LOQ		
THCV	0.0599	< LOQ	< LOQ		
THCVA	0.0897	< LOQ	< LOQ		
CBD	0.0020	24.48	2790		
CBDA	0.0020	< LOQ	< LOQ		
CBDV	0.0617	< LOQ	< LOQ		
CBDVA	0.0847	< LOQ	< LOQ		
CBN	0.0554	< LOQ	< LOQ		
CBG	0.0644	3.542	404		
CBGA	0.0854	< LOQ	< LOQ		
CBC	0.0808	1.322	151		



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: 2239061 - 215-Products

Blank(2239061-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0010	%		09/24/22 10:12	09/26/22 14:27	
delta 9-THC	< LOQ	0.0010	%		09/24/22 10:12	09/26/22 14:27	
delta 8-THC	< LOQ	0.0384	%		09/24/22 10:12	09/26/22 14:27	
THCV	< LOQ	0.0300	%		09/24/22 10:12	09/26/22 14:27	
THCVA	< LOQ	0.0448	%		09/24/22 10:12	09/26/22 14:27	
CBD	< LOQ	0.0010	%		09/24/22 10:12	09/26/22 14:27	
CBDA	< LOQ	0.0010	%		09/24/22 10:12	09/26/22 14:27	
CBDV	< LOQ	0.0308	%		09/24/22 10:12	09/26/22 14:27	
CBDVA	< LOQ	0.0423	%		09/24/22 10:12	09/26/22 14:27	
CBN	< LOQ	0.0277	%		09/24/22 10:12	09/26/22 14:27	
CBG	< LOQ	0.0322	%		09/24/22 10:12	09/26/22 14:27	
CBGA	< LOQ	0.0427	%		09/24/22 10:12	09/26/22 14:27	
CBC	< LOQ	0.0404	%		09/24/22 10:12	09/26/22 14:27	

Reference(2239061-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	97.9	0.0097	%	90-110	09/24/22 10:12	09/24/22 22:39	
delta 9-THC	101	0.0097	%	90-110	09/24/22 10:12	09/24/22 22:39	
delta 8-THC	97.7	0.3726	%	90-110	09/24/22 10:12	09/24/22 22:39	
CBD	97.6	0.0097	%	90-110	09/24/22 10:12	09/24/22 22:39	
CBDA	96.8	0.0097	%	90-110	09/24/22 10:12	09/24/22 22:39	



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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.

- 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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