



### 300mg Muscle Gel Tube

Sample ID: G2K0273-03 Matrix: Hemp Products

Test ID: 5020129

Source ID: Lot# 221116-D-MF05

Date Sampled: 11/18/22 Date Accepted: 11/18/22

Mission Farms CBD  
ben@missionfarmscbd.com

### Results at a Glance

Total THC : 0.0284 %

Total CBD : 1.139 %



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LABORATORY

Eric Wendt  
Chief Science Officer - 11/21/2022

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Mission Farms CBD  
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### Potency Analysis

Date/Time Extracted: 11/19/22 11:13 Analysis Method/SOP: 215 Batch Identification: 2247063

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile								
Total THC	0.0020	0.284	8.09	<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>0.2</td></tr> <tr><td>Total</td><td>1.3</td></tr> </table>	delta 9-THC	0.0	CBD	1.1	CBG	0.2	Total	1.3
delta 9-THC	0.0											
CBD	1.1											
CBG	0.2											
Total	1.3											
Total CBD	0.0020	11.39	325									
THCA	0.0020	< LOQ	< LOQ									
delta 9-THC	0.0020	0.284	8.09									
delta 8-THC	0.0762	< LOQ	< LOQ									
THCV	0.0595	< LOQ	< LOQ									
THCVA	0.0890	< LOQ	< LOQ									
CBD	0.0020	11.39	325									
CBDA	0.0020	< LOQ	< LOQ									
CBDV	0.0612	< LOQ	< LOQ									
CBDVA	0.0841	< LOQ	< LOQ									
CBN	0.0550	< LOQ	< LOQ									
CBG	0.0639	1.739	49.6									
CBGA	0.0848	< LOQ	< LOQ									
CBC	0.0802	< 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.



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### Quality Control Potency

Batch: 2247063 - 215-Products

Blank(2247063-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		11/19/22 11:13	11/19/22 23:46	
delta 9-THC	< LOQ	0.0040	%		11/19/22 11:13	11/19/22 23:46	
delta 8-THC	< LOQ	0.1533	%		11/19/22 11:13	11/19/22 23:46	
THCV	< LOQ	0.1197	%		11/19/22 11:13	11/19/22 23:46	
THCVA	< LOQ	0.1791	%		11/19/22 11:13	11/19/22 23:46	
CBD	< LOQ	0.0040	%		11/19/22 11:13	11/19/22 23:46	
CBDA	< LOQ	0.0040	%		11/19/22 11:13	11/19/22 23:46	
CBDV	< LOQ	0.1231	%		11/19/22 11:13	11/19/22 23:46	
CBDVA	< LOQ	0.1691	%		11/19/22 11:13	11/19/22 23:46	
CBN	< LOQ	0.1106	%		11/19/22 11:13	11/19/22 23:46	
CBG	< LOQ	0.1286	%		11/19/22 11:13	11/19/22 23:46	
CBGA	< LOQ	0.1705	%		11/19/22 11:13	11/19/22 23:46	
CBC	< LOQ	0.1613	%		11/19/22 11:13	11/19/22 23:46	

Reference(2247063-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.3	0.0100	%	90-110	11/19/22 11:13	11/20/22 00:09	
delta 9-THC	100	0.0100	%	90-110	11/19/22 11:13	11/20/22 00:09	
delta 8-THC	103	0.3827	%	90-110	11/19/22 11:13	11/20/22 00:09	
CBD	102	0.0100	%	90-110	11/19/22 11:13	11/20/22 00:09	
CBDA	97.6	0.0100	%	90-110	11/19/22 11:13	11/20/22 00:09	



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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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