



600mg Muscle Gel

Sample ID: G2G0118-02

Matrix: Hemp Products

Test ID: 5021416

Source ID: 22-0706-2KR

Date Sampled: 07/12/22

Date Accepted: 07/12/22

Mission Farms CBD
ben@missionfarmscbd.com

Results at a Glance

Total THC : 0.0133 %

Total CBD : 0.5680 %



ISO 17025
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LABORATORY

Eric Wendt
Chief Science Officer - 7/14/2022



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Mission Farms CBD
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Potency Analysis

Date/Time Extracted: 07/13/22 11:20

Analysis Method/SOP: 215

Batch Identification: 2229018

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile												
Total THC	0.000250	0.133	15.2	<table border="1"> <tr><td>delta 9-THC</td><td>0.0</td></tr> <tr><td>CBGA</td><td>0.0</td></tr> <tr><td>CBD</td><td>0.6</td></tr> <tr><td>CBG</td><td>0.0</td></tr> <tr><td>CBC</td><td>0.0</td></tr> <tr><td>Total</td><td>0.7</td></tr> </table>	delta 9-THC	0.0	CBGA	0.0	CBD	0.6	CBG	0.0	CBC	0.0	Total	0.7
delta 9-THC	0.0															
CBGA	0.0															
CBD	0.6															
CBG	0.0															
CBC	0.0															
Total	0.7															
Total CBD	0.0010	5.68	648													
THCA	0.000250	< LOQ	< LOQ													
delta 9-THC	0.000250	0.133	15.2													
delta 8-THC	0.0096	< LOQ	< LOQ													
THCV	0.0075	< LOQ	< LOQ													
THCVA	0.0112	< LOQ	< LOQ													
CBD	0.0010	5.68	648													
CBDA	0.0010	< LOQ	< LOQ													
CBDV	0.0077	< LOQ	< LOQ													
CBDVA	0.0106	< LOQ	< LOQ													
CBN	0.0069	< LOQ	< LOQ													
CBG	0.0081	0.433	49.4													
CBGA	0.0107	0.134	15.3													
CBC	0.0101	0.229	26.1													

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: 2229018 - 215-Products

Blank(2229018-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0010	%		07/13/22 11:20	07/13/22 17:00	
delta 9-THC	< LOQ	0.0010	%		07/13/22 11:20	07/13/22 17:00	
delta 8-THC	< LOQ	0.0384	%		07/13/22 11:20	07/13/22 17:00	
THCV	< LOQ	0.0300	%		07/13/22 11:20	07/13/22 17:00	
THCVA	< LOQ	0.0448	%		07/13/22 11:20	07/13/22 17:00	
CBD	< LOQ	0.0010	%		07/13/22 11:20	07/13/22 17:00	
CBDA	< LOQ	0.0010	%		07/13/22 11:20	07/13/22 17:00	
CBDV	< LOQ	0.0308	%		07/13/22 11:20	07/13/22 17:00	
CBDVA	< LOQ	0.0423	%		07/13/22 11:20	07/13/22 17:00	
CBN	< LOQ	0.0277	%		07/13/22 11:20	07/13/22 17:00	
CBG	< LOQ	0.0322	%		07/13/22 11:20	07/13/22 17:00	
CBGA	< LOQ	0.0427	%		07/13/22 11:20	07/13/22 17:00	
CBC	< LOQ	0.0404	%		07/13/22 11:20	07/13/22 17:00	

Reference(2229018-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	105	0.0102	%	90-110	07/13/22 11:20	07/13/22 17:23	
delta 9-THC	101	0.0102	%	90-110	07/13/22 11:20	07/13/22 17:23	
delta 8-THC	102	0.3929	%	90-110	07/13/22 11:20	07/13/22 17:23	
CBD	102	0.0102	%	90-110	07/13/22 11:20	07/13/22 17:23	
CBDA	103	0.0102	%	90-110	07/13/22 11:20	07/13/22 17:23	



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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.
- C 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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