



Relieve Joint & Muscle Gel 2400mg

Sample ID: G3A0057-01 Matrix: Hemp Products

Test ID: 5026242

Source ID: LOT: 230103-D-MF1

Date Sampled: 01/06/23 Date Accepted: 01/06/23

Mission Farms CBD
ben@missionfarmscbd.com

Results at a Glance

Total THC : 0.0790 %

Total CBD : 2.183 %



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LABORATORY

Eric Wendt
Chief Science Officer - 1/11/2023

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Date Sampled: 01/06/23 Date Accepted: 01/06/23

Mission Farms CBD
ben@missionfarmscbd.com

Potency Analysis

Date/Time Extracted: 01/09/23 12:34

Analysis Method/SOP: 215

Batch Identification: 2302002

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile										
Total THC	0.0010	0.79	90.1	<table border="1"> <tr><td>delta 9-THC</td><td>0.1</td></tr> <tr><td>CBD</td><td>2.2</td></tr> <tr><td>CBG</td><td>0.3</td></tr> <tr><td>CBC</td><td>0.1</td></tr> <tr><td>Total:</td><td>2.7</td></tr> </table>	delta 9-THC	0.1	CBD	2.2	CBG	0.3	CBC	0.1	Total:	2.7
delta 9-THC	0.1													
CBD	2.2													
CBG	0.3													
CBC	0.1													
Total:	2.7													
Total CBD	0.0010	21.83	2490											
THCA	0.0010	< LOQ	< LOQ											
delta 9-THC	0.0010	0.79	90.1											
delta 8-THC	0.0384	< LOQ	< LOQ											
THCV	0.0300	< LOQ	< LOQ											
THCVA	0.0448	< LOQ	< LOQ											
CBD	0.0010	21.83	2490											
CBDA	0.0010	< LOQ	< LOQ											
CBDV	0.0308	< LOQ	< LOQ											
CBDVA	0.0423	< LOQ	< LOQ											
CBN	0.0277	< LOQ	< LOQ											
CBG	0.0322	3.227	368											
CBGA	0.0427	< LOQ	< LOQ											
CBC	0.0404	1.01	115											

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: 2302002 - 215-Products

Blank(2302002-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0079	%		01/09/23 12:34	01/09/23 18:13	
delta 9-THC	< LOQ	0.0079	%		01/09/23 12:34	01/09/23 18:13	
delta 8-THC	< LOQ	0.3040	%		01/09/23 12:34	01/09/23 18:13	
THCV	< LOQ	0.2372	%		01/09/23 12:34	01/09/23 18:13	
THCVA	< LOQ	0.3550	%		01/09/23 12:34	01/09/23 18:13	
CBD	< LOQ	0.0079	%		01/09/23 12:34	01/09/23 18:13	
CBDA	< LOQ	0.0079	%		01/09/23 12:34	01/09/23 18:13	
CBDV	< LOQ	0.2441	%		01/09/23 12:34	01/09/23 18:13	
CBDVA	< LOQ	0.3353	%		01/09/23 12:34	01/09/23 18:13	
CBN	< LOQ	0.2192	%		01/09/23 12:34	01/09/23 18:13	
CBG	< LOQ	0.2550	%		01/09/23 12:34	01/09/23 18:13	
CBGA	< LOQ	0.3380	%		01/09/23 12:34	01/09/23 18:13	
CBC	< LOQ	0.3199	%		01/09/23 12:34	01/09/23 18:13	

Reference(2302002-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	92.3	0.0099	%	90-110	01/09/23 12:34	01/09/23 18:36	
delta 9-THC	104	0.0099	%	90-110	01/09/23 12:34	01/09/23 18:36	
delta 8-THC	93.7	0.3812	%	90-110	01/09/23 12:34	01/09/23 18:36	
CBD	103	0.0099	%	90-110	01/09/23 12:34	01/09/23 18:36	
CBDA	103	0.0099	%	90-110	01/09/23 12:34	01/09/23 18:36	



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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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