



Joint and Muscle Gel, 2400mg

Sample ID: G1E0344-01 Matrix: Hemp Products

Test ID: 5015672

Source ID:

Date Sampled: 05/18/21 Date Accepted: 05/18/21

Batch Lot ID: 21-0513-1

Mission Farms CBD

Results at a Glance

Total THC : 0.0579 %

Total CBD : 2.123 %



**ISO 17025
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LABORATORY**

Eric Wendt
Chief Science Officer - 5/25/2021

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Mission Farms CBD

Potency Analysis

Date/Time Extracted: 05/19/21 10:24

Analysis Method/SOP: 215

Batch Identification: 2121029

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile										
Total THC	0.0518	0.579	64.8	<table border="1"> <tr><td>delta 9-THC</td><td>0.1</td></tr> <tr><td>CBD</td><td>2.1</td></tr> <tr><td>CBG</td><td>0.1</td></tr> <tr><td>CBC</td><td>0.1</td></tr> <tr><td>Total:</td><td>2.4</td></tr> </table>	delta 9-THC	0.1	CBD	2.1	CBG	0.1	CBC	0.1	Total:	2.4
delta 9-THC	0.1													
CBD	2.1													
CBG	0.1													
CBC	0.1													
Total:	2.4													
Total CBD	0.0540	21.23	2380											
THCA	0.0748	< LOQ	< LOQ											
delta 9-THC	0.0518	0.579	64.8											
THCV	0.0508	< LOQ	< LOQ											
THCVA	0.0761	< LOQ	< LOQ											
CBD	0.0540	21.23	2380											
CBDA	0.0745	< LOQ	< LOQ											
CBDV	0.0523	< LOQ	< LOQ											
CBDVA	0.0718	< LOQ	< LOQ											
CBN	0.0470	< LOQ	< LOQ											
CBG	0.0546	0.891	99.8											
CBGA	0.0724	< LOQ	< LOQ											
CBC	0.0685	1.015	114											

Unit weight = 112 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: 2121029 - 215-Products

Blank(2121029-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0221	%		05/19/21 10:24	05/19/21 17:50	
delta 9-THC	< LOQ	0.0153	%		05/19/21 10:24	05/19/21 17:50	
THCV	< LOQ	0.0150	%		05/19/21 10:24	05/19/21 17:50	
THCVA	< LOQ	0.0224	%		05/19/21 10:24	05/19/21 17:50	
CBD	< LOQ	0.0159	%		05/19/21 10:24	05/19/21 17:50	
CBDA	< LOQ	0.0220	%		05/19/21 10:24	05/19/21 17:50	
CBDV	< LOQ	0.0154	%		05/19/21 10:24	05/19/21 17:50	
CBDVA	< LOQ	0.0212	%		05/19/21 10:24	05/19/21 17:50	
CBN	< LOQ	0.0138	%		05/19/21 10:24	05/19/21 17:50	
CBG	< LOQ	0.0161	%		05/19/21 10:24	05/19/21 17:50	
CBGA	< LOQ	0.0213	%		05/19/21 10:24	05/19/21 17:50	
CBC	< LOQ	0.0202	%		05/19/21 10:24	05/19/21 17:50	

Reference(2121029-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	97.7	0.0153	%	80-120	05/19/21 10:24	05/19/21 18:14	
CBD	101	0.0159	%	80-120	05/19/21 10:24	05/19/21 18:14	



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Notes and Definitions

- 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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