



600mg CBD Balm Stick

Sample ID: G2K0340-01

Matrix: Hemp Products

Test ID: 5026186

Source ID: Lot # 221121-D-MF1

Date Sampled: 11/22/22

Date Accepted: 11/22/22

Mission Farms CBD
ben@missionfarmscbd.com

Results at a Glance

Total THC : 0.1602 %

Total CBD : 2.110 %



Eric Wendt
Chief Science Officer - 11/30/2022



600mg CBD Balm Stick

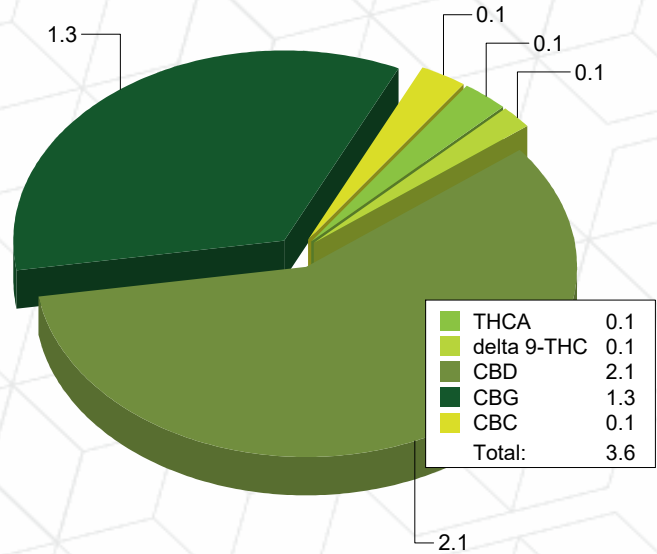
Sample ID: G2K0340-01 Matrix: Hemp Products
Test ID: 5026186
Source ID: Lot # 221121-D-MF1
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Mission Farms CBD
ben@missionfarmscbd.com

Potency Analysis

Date/Time Extracted: 11/29/22 09:30 Analysis Method/SOP: 215 Batch Identification: 2249012

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0020	1.602	45.7	
Total CBD	0.0020	21.1	601	
THCA	0.0020	1.06	30.2	
delta 9-THC	0.0020	0.672	19.2	
delta 8-THC	0.0754	< LOQ	< LOQ	
THCV	0.0588	< LOQ	< LOQ	
THCVA	0.0880	< LOQ	< LOQ	
CBD	0.0020	21.1	601	
CBDA	0.0020	< LOQ	< LOQ	
CBDV	0.0605	< LOQ	< LOQ	
CBDVA	0.0831	< LOQ	< LOQ	
CBN	0.0543	< LOQ	< LOQ	
CBG	0.0632	12.58	359	
CBGA	0.0838	< LOQ	< LOQ	
CBC	0.0793	1.027	29.3	



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: 2249012 - 215-Products

Blank(2249012-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		11/29/22 09:30	11/29/22 14:13	
delta 9-THC	< LOQ	0.0040	%		11/29/22 09:30	11/29/22 14:13	
delta 8-THC	< LOQ	0.1519	%		11/29/22 09:30	11/29/22 14:13	
THCV	< LOQ	0.1185	%		11/29/22 09:30	11/29/22 14:13	
THCVA	< LOQ	0.1774	%		11/29/22 09:30	11/29/22 14:13	
CBD	< LOQ	0.0040	%		11/29/22 09:30	11/29/22 14:13	
CBDA	< LOQ	0.0040	%		11/29/22 09:30	11/29/22 14:13	
CBDV	< LOQ	0.1220	%		11/29/22 09:30	11/29/22 14:13	
CBDVA	< LOQ	0.1675	%		11/29/22 09:30	11/29/22 14:13	
CBN	< LOQ	0.1095	%		11/29/22 09:30	11/29/22 14:13	
CBG	< LOQ	0.1274	%		11/29/22 09:30	11/29/22 14:13	
CBGA	< LOQ	0.1689	%		11/29/22 09:30	11/29/22 14:13	
CBC	< LOQ	0.1598	%		11/29/22 09:30	11/29/22 14:13	

Reference(2249012-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	95.6	0.0100	%	90-110	11/29/22 09:30	11/29/22 14:36	
delta 9-THC	99.5	0.0100	%	90-110	11/29/22 09:30	11/29/22 14:36	
delta 8-THC	103	0.3841	%	90-110	11/29/22 09:30	11/29/22 14:36	
CBD	99.8	0.0100	%	90-110	11/29/22 09:30	11/29/22 14:36	
CBDA	95.2	0.0100	%	90-110	11/29/22 09:30	11/29/22 14:36	



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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.
- 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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