



Relieve FSP 1000mg CBD Oil

Sample ID: G3C0329-01 Matrix: Hemp Products

Test ID: 5020285

Source ID: Batch #230320-D-MF1

Date Sampled: 03/21/23 Date Accepted: 03/21/23

Mission Farms CBD
ben@missionfarmscbd.com

Results at a Glance

Total THC : <LOQ (0.0095%) %

Total CBD : 3.478 %



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 3/23/2023

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Mission Farms CBD
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Potency Analysis by HPLC

Date/Time Extracted: 03/22/23 12:27 Analysis Method/SOP: 215 Batch Identification: 2312041

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0095	< LOQ	< LOQ	
Total CBD	0.0095	34.78	1010	
THCA	0.0095	< LOQ	< LOQ	
delta 9-THC	0.0095	< LOQ	< LOQ	
delta 8-THC	0.3654	< LOQ	< LOQ	
THCV	0.2851	< LOQ	< LOQ	
THCVA	0.4267	< LOQ	< LOQ	
CBD	0.0095	34.78	1010	
CBDA	0.0095	< LOQ	< LOQ	
CBDV	0.2934	< LOQ	< LOQ	
CBDVA	0.4030	< LOQ	< LOQ	
CBN	0.2635	< LOQ	< LOQ	
CBG	0.3065	< LOQ	< LOQ	
CBGA	0.4062	< LOQ	< LOQ	
CBC	0.3845	< LOQ	< LOQ	

Unit weight = 29 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: 2312041 - 215-Products

Blank(2312041-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0081	%		03/22/23 12:27	03/22/23 22:58	
delta 9-THC	< LOQ	0.0081	%		03/22/23 12:27	03/22/23 22:58	
delta 8-THC	< LOQ	0.3109	%		03/22/23 12:27	03/22/23 22:58	
THCV	< LOQ	0.2426	%		03/22/23 12:27	03/22/23 22:58	
THCVA	< LOQ	0.3631	%		03/22/23 12:27	03/22/23 22:58	
CBD	< LOQ	0.0081	%		03/22/23 12:27	03/22/23 22:58	
CBDA	< LOQ	0.0081	%		03/22/23 12:27	03/22/23 22:58	
CBDV	< LOQ	0.2496	%		03/22/23 12:27	03/22/23 22:58	
CBDVA	< LOQ	0.3429	%		03/22/23 12:27	03/22/23 22:58	
CBN	< LOQ	0.2242	%		03/22/23 12:27	03/22/23 22:58	
CBG	< LOQ	0.2608	%		03/22/23 12:27	03/22/23 22:58	
CBGA	< LOQ	0.3456	%		03/22/23 12:27	03/22/23 22:58	
CBC	< LOQ	0.3271	%		03/22/23 12:27	03/22/23 22:58	

Reference(2312041-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	96.8	0.0097	%	90-110	03/22/23 12:27	03/22/23 23:21	
delta 9-THC	103	0.0097	%	90-110	03/22/23 12:27	03/22/23 23:21	
delta 8-THC	90.8	0.3741	%	90-110	03/22/23 12:27	03/22/23 23:21	
CBD	91.2	0.0097	%	90-110	03/22/23 12:27	03/22/23 23:21	
CBDA	96.9	0.0097	%	90-110	03/22/23 12:27	03/22/23 23:21	



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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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