



CBD + CBG Gummies

Sample ID: G2H0338-04

Matrix: Hemp Products

Test ID: 5028103

Source ID:

Date Sampled: 08/24/22

Date Accepted: 08/24/22

Fern Valley Farms
fernvalleycbd@gmail.com

Results at a Glance

Total THC : <LOQ (0.0010%) %

Total CBD : 0.4276 %

Total CBG : 0.3589 %



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 9/1/2022

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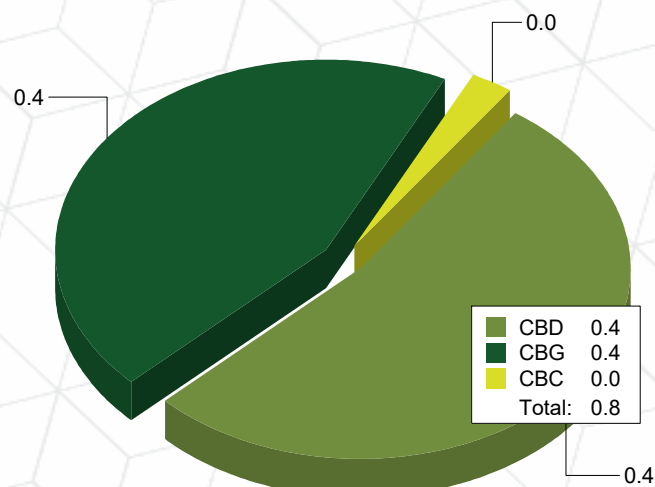
Potency Analysis

Date/Time Extracted: 08/27/22 09:17

Analysis Method/SOP: 215

Batch Identification: 2235074

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0010	< LOQ	< LOQ	
Total CBD	0.0010	4.276	14.1	
Total CBG	0.0277	3.589	11.8	
THCA	0.0010	< LOQ	< LOQ	
delta 9-THC	0.0010	< LOQ	< LOQ	
delta 8-THC	0.0384	< LOQ	< LOQ	
THCV	0.0300	< LOQ	< LOQ	
THCVA	0.0448	< LOQ	< LOQ	
CBD	0.0010	4.276	14.1	
CBDA	0.0010	< LOQ	< LOQ	
CBDV	0.0308	< LOQ	< LOQ	
CBDVA	0.0423	< LOQ	< LOQ	
CBN	0.0277	< LOQ	< LOQ	
CBG	0.0322	3.589	11.8	
CBGA	0.0427	< LOQ	< LOQ	
CBC	0.0404	0.197	0.650	



Unit weight = 3.3 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: 2235074 - 215-Products

Blank(2235074-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0010	%		08/27/22 09:17	08/27/22 23:59	
delta 9-THC	< LOQ	0.0010	%		08/27/22 09:17	08/27/22 23:59	
delta 8-THC	< LOQ	0.0384	%		08/27/22 09:17	08/27/22 23:59	
THCV	< LOQ	0.0300	%		08/27/22 09:17	08/27/22 23:59	
THCVA	< LOQ	0.0448	%		08/27/22 09:17	08/27/22 23:59	
CBD	< LOQ	0.0010	%		08/27/22 09:17	08/27/22 23:59	
CBDA	< LOQ	0.0010	%		08/27/22 09:17	08/27/22 23:59	
CBDV	< LOQ	0.0308	%		08/27/22 09:17	08/27/22 23:59	
CBDVA	< LOQ	0.0423	%		08/27/22 09:17	08/27/22 23:59	
CBN	< LOQ	0.0277	%		08/27/22 09:17	08/27/22 23:59	
CBG	< LOQ	0.0322	%		08/27/22 09:17	08/27/22 23:59	
CBGA	< LOQ	0.0427	%		08/27/22 09:17	08/27/22 23:59	
CBC	< LOQ	0.0404	%		08/27/22 09:17	08/27/22 23:59	

Reference(2235074-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	105	0.0097	%	90-110	08/27/22 09:17	08/28/22 00:22	
delta 9-THC	96.7	0.0097	%	90-110	08/27/22 09:17	08/28/22 00:22	
delta 8-THC	104	0.3731	%	90-110	08/27/22 09:17	08/28/22 00:22	
CBD	96.6	0.0097	%	90-110	08/27/22 09:17	08/28/22 00:22	
CBDA	99.3	0.0097	%	90-110	08/27/22 09:17	08/28/22 00:22	



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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 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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