



D9 Gummies

Sample ID: G1L0076-01

Matrix: Hemp Products

Test ID: 5021938

Source ID:

Date Sampled: 12/02/21

Date Accepted: 12/02/21

Fern Valley Farms
Fernvalleycbd@gmail.com

Results at a Glance

Total THC : 0.1771 %

Total CBD : 1.287 %



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 12/7/2021



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Potency Analysis

Date/Time Extracted: 12/04/21 10:59

Analysis Method/SOP: 215

Batch Identification: 2149062

Cannabinoids	LOQ (%)	mg/g	mg/unit	Cannabinoids Profile
Total THC	0.0153	1.771	8.86	
Total CBD	0.0159	12.87	64.4	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	1.771	8.86	
THCV	0.0150	0.27	1.35	
THCVA	0.0224	< LOQ	< LOQ	
CBD	0.0005	12.87	64.4	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.0154	< LOQ	< LOQ	
CBDVA	0.0212	0.398	1.99	
CBN	0.0138	< LOQ	< LOQ	
CBG	0.0161	0.163	0.815	
CBGA	0.0213	< LOQ	< LOQ	
CBC	0.0202	0.748	3.74	

Unit weight = 5g 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: 2149062 - 215-Products

Blank(2149062-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		12/04/21 10:59	12/04/21 16:25	
delta 9-THC	< LOQ	0.0005	%		12/04/21 10:59	12/04/21 16:25	
THCV	< LOQ	0.0150	%		12/04/21 10:59	12/04/21 16:25	
THCVA	< LOQ	0.0224	%		12/04/21 10:59	12/04/21 16:25	
CBD	< LOQ	0.0005	%		12/04/21 10:59	12/04/21 16:25	
CBDA	< LOQ	0.0005	%		12/04/21 10:59	12/04/21 16:25	
CBDV	< LOQ	0.0154	%		12/04/21 10:59	12/04/21 16:25	
CBDVA	< LOQ	0.0212	%		12/04/21 10:59	12/04/21 16:25	
CBN	< LOQ	0.0138	%		12/04/21 10:59	12/04/21 16:25	
CBG	< LOQ	0.0161	%		12/04/21 10:59	12/04/21 16:25	
CBGA	< LOQ	0.0213	%		12/04/21 10:59	12/04/21 16:25	
CBC	< LOQ	0.0202	%		12/04/21 10:59	12/04/21 16:25	

Reference(2149062-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	98.6	0.0005	%	80-120	12/04/21 10:59	12/04/21 16:48	
CBD	108	0.0005	%	80-120	12/04/21 10:59	12/04/21 16:48	



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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.
- 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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