



Pink Pineapple

Sample ID: G3J0002-01

Matrix: Industrial Hemp

Test ID: 5023379

Source ID:

Date Sampled: 09/29/23

Date Accepted: 09/29/23

Fern Valley Farms
fernvalleycbd@gmail.com

Results at a Glance

Total THC : 0.69 %

Total CBD : 17 %

Total CBG : 0.86 %

Percent Moisture : 7.95 % **PASS**



Eric Wendt
Chief Science Officer - 10/4/2023



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Fern Valley Farms
fernvalleycbd@gmail.com

Potency Analysis by HPLC

Date/Time Extracted: 10/03/23 11:02

Analysis Method/SOP: 215

Batch Identification: 2340020

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.69	6.9		
Total CBD	0.009	17	170		
Total CBG	0.0009	0.86	8.6		
THCA	0.0005	0.78	7.8		
delta 9-THC	0.0005	0.012	0.12		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.005	< LOQ	< LOQ		
THCVA	0.002	0.049	0.49		
CBD	0.002	0.086	0.86		
CBDA	0.002	20	200		
CBDV	0.005	< LOQ	< LOQ		
CBDVA	0.002	1.1	11		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0009	0.047	0.47		
CBGA	0.0009	0.93	9.3		
CBC	0.010	0.075	0.75		

Moisture

Date/Time Extracted: 10/03/23 14:36

Analysis Method/SOP: 103

Moisture: 7.95 %

Action Level: 15%

Potency results are reported on a dry weight basis.

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.



ISO 17025
ACCREDITED
LABORATORY

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Quality Control Potency

Batch: 2340020 - 215-Hemp

Blank(2340020-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		10/03/23 11:02	10/03/23 21:59	
delta 9-THC	< LOQ	0.0005	%		10/03/23 11:02	10/03/23 21:59	
delta 8-THC	< LOQ	0.004	%		10/03/23 11:02	10/03/23 21:59	
THCV	< LOQ	0.005	%		10/03/23 11:02	10/03/23 21:59	
THCVA	< LOQ	0.002	%		10/03/23 11:02	10/03/23 21:59	
CBD	< LOQ	0.0005	%		10/03/23 11:02	10/03/23 21:59	
CBDA	< LOQ	0.0005	%		10/03/23 11:02	10/03/23 21:59	
CBDV	< LOQ	0.005	%		10/03/23 11:02	10/03/23 21:59	
CBDVA	< LOQ	0.002	%		10/03/23 11:02	10/03/23 21:59	
CBN	< LOQ	0.003	%		10/03/23 11:02	10/03/23 21:59	
CBG	< LOQ	0.0008	%		10/03/23 11:02	10/03/23 21:59	
CBGA	< LOQ	0.0008	%		10/03/23 11:02	10/03/23 21:59	
CBC	< LOQ	0.009	%		10/03/23 11:02	10/03/23 21:59	

Reference(2340020-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	90.1	0.0005	%	90-110	10/03/23 11:02	10/03/23 22:22	
delta 9-THC	102	0.0005	%	90-110	10/03/23 11:02	10/03/23 22:22	
delta 8-THC	95.2	0.004	%	90-110	10/03/23 11:02	10/03/23 22:22	
CBD	103	0.0005	%	90-110	10/03/23 11:02	10/03/23 22:22	
CBDA	91.3	0.0005	%	90-110	10/03/23 11:02	10/03/23 22:22	

Moisture Content

Batch: 2340018 - 103

Blank(2340018-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.360		%		10/03/23 14:36	10/03/23 14:36	

Blank(2340018-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.400		%		10/03/23 14:36	10/03/23 14:36	

Reference(2340018-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	90.5		%	80-120	10/03/23 14:36	10/03/23 14:36	

Reference(2340018-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	80.3		%	80-120	10/03/23 14:36	10/03/23 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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