



Pinewalker

Sample ID: G1J0368-01

Matrix: Industrial Hemp

Test ID: 5027606

Source ID:

Date Sampled: 10/20/21

Date Accepted: 10/20/21

Results at a Glance

Total THC : 0.23 %

Total CBD : 5.4 %

Total CBG : 0.30 %

Percent Moisture : 8.38 % **PASS**



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 10/22/2021

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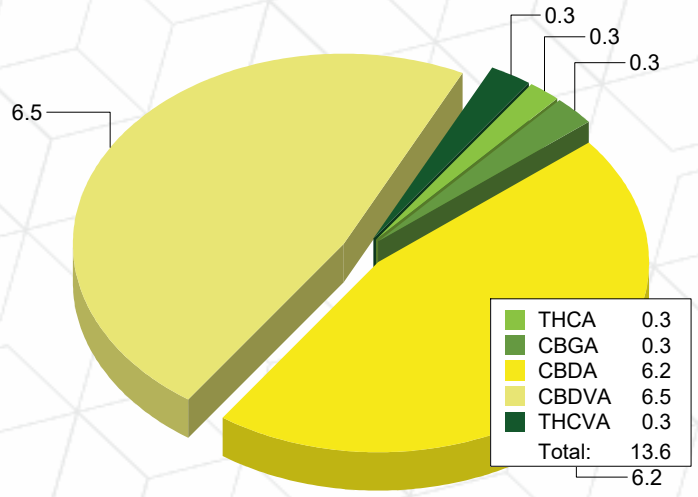
Potency Analysis

Date/Time Extracted: 10/21/21 12:17

Analysis Method/SOP: 215

Batch Identification: 2143034

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.23	2.3		
Total CBD	0.002	5.4	54		
Total CBG	0.0009	0.30	3		
THCA	0.0005	0.27	2.7		
delta 9-THC	0.0005	< LOQ	< LOQ		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.006	< LOQ	< LOQ		
THCVA	0.002	0.34	3.4		
CBD	0.0005	< LOQ	< LOQ		
CBDA	0.0005	6.2	62		
CBDV	0.005	< LOQ	< LOQ		
CBDVA	0.007	6.5	65		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0009	< LOQ	< LOQ		
CBGA	0.0009	0.34	3.4		
CBC	0.010	< LOQ	< LOQ		



Moisture

Date/Time Extracted: 10/22/21 16:24

Analysis Method/SOP: 103

Moisture: 8.38 %

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.



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Quality Control Potency

Batch: 2143034 - 215-Hemp

Blank(2143034-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.002	%		10/21/21 12:17	10/21/21 21:13	
delta 9-THC	< LOQ	0.002	%		10/21/21 12:17	10/21/21 21:13	
delta 8-THC	< LOQ	0.018	%		10/21/21 12:17	10/21/21 21:13	
THCV	< LOQ	0.020	%		10/21/21 12:17	10/21/21 21:13	
THCVA	< LOQ	0.008	%		10/21/21 12:17	10/21/21 21:13	
CBD	< LOQ	0.002	%		10/21/21 12:17	10/21/21 21:13	
CBDA	< LOQ	0.002	%		10/21/21 12:17	10/21/21 21:13	
CBDV	< LOQ	0.020	%		10/21/21 12:17	10/21/21 21:13	
CBDVA	< LOQ	0.007	%		10/21/21 12:17	10/21/21 21:13	
CBN	< LOQ	0.012	%		10/21/21 12:17	10/21/21 21:13	
CBG	< LOQ	0.003	%		10/21/21 12:17	10/21/21 21:13	
CBGA	< LOQ	0.003	%		10/21/21 12:17	10/21/21 21:13	
CBC	< LOQ	0.036	%		10/21/21 12:17	10/21/21 21:13	

Reference(2143034-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	102	0.0005	%	80-120	10/21/21 12:17	10/21/21 21:36	
delta 9-THC	97.2	0.0005	%	80-120	10/21/21 12:17	10/21/21 21:36	
CBD	106	0.0005	%	80-120	10/21/21 12:17	10/21/21 21:36	
CBDA	103	0.0005	%	80-120	10/21/21 12:17	10/21/21 21:36	

Moisture Content

Batch: 2143040 - 103

Reference(2143040-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	102		%	80-120	10/22/21 16:24	10/22/21 16:24	

Reference(2143040-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	112		%	80-120	10/22/21 16:24	10/22/21 16:24	



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Notes and Definitions

- 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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