



PR13D8-0323-2

Sample ID: G3C0351-01

Matrix: Industrial Hemp

Test ID: 5020293

Source ID:

Date Sampled: 03/22/23

Date Accepted: 03/22/23

Harvest/Prod. Date: 03.20.2023

Green Point Research
info@greenpointresearch.com

Results at a Glance

Total THC : <LOQ (0.009080%) %

Total CBD : 2.240 %

Total CBG : 4.160 %

delta 8-THC : 13.51 % **PASS**



ISO 17025
ACCREDITED
LABORATORY

Eric Wendt
Chief Science Officer - 3/23/2023

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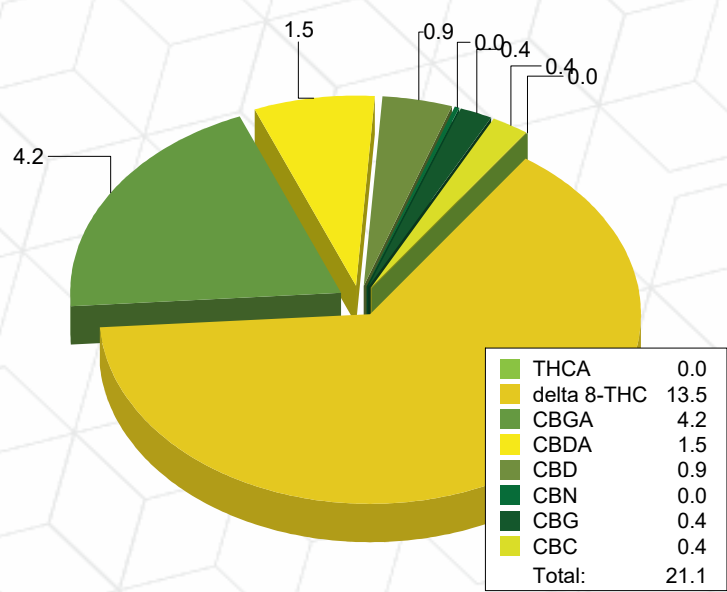
Potency Analysis by HPLC

Date/Time Extracted: 03/23/23 09:13

Analysis Method/SOP: 215

Batch Identification: 2312045

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.009080	< LOQ	< LOQ		
Total CBD	0.002075	2.240	22.4		
Total CBG	7.900E-4	4.160	41.6		
THCA	5.000E-4	0.008517	0.08517		
delta 9-THC	5.000E-4	< LOQ	< LOQ		
delta 8-THC	0.01796	13.51	135.1	13.51	
THCV	0.005055	< LOQ	< LOQ		
THCVA	0.001885	< LOQ	< LOQ		
CBD	5.000E-4	0.8899	8.899		
CBDA	5.000E-4	1.539	15.39	15.39	
CBDV	0.005000	< LOQ	< LOQ		
CBDVA	0.001640	< LOQ	< LOQ		
CBN	0.002990	0.03486	0.3486		
CBG	7.900E-4	0.4416	4.416		
CBGA	7.900E-4	4.235	42.35		
CBC	0.008965	0.4441	4.441		



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: 2312045 - 215-Hemp

Blank(2312045-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	5.000E-4	%		03/23/23 09:13	03/23/23 12:16	
delta 9-THC	< LOQ	5.000E-4	%		03/23/23 09:13	03/23/23 12:16	
delta 8-THC	< LOQ	0.004490	%		03/23/23 09:13	03/23/23 12:16	
THCV	< LOQ	0.005055	%		03/23/23 09:13	03/23/23 12:16	
THCVA	< LOQ	0.001885	%		03/23/23 09:13	03/23/23 12:16	
CBD	< LOQ	5.000E-4	%		03/23/23 09:13	03/23/23 12:16	
CBDA	< LOQ	5.000E-4	%		03/23/23 09:13	03/23/23 12:16	
CBDV	< LOQ	0.005000	%		03/23/23 09:13	03/23/23 12:16	
CBDVA	< LOQ	0.001640	%		03/23/23 09:13	03/23/23 12:16	
CBN	< LOQ	0.002990	%		03/23/23 09:13	03/23/23 12:16	
CBG	< LOQ	7.900E-4	%		03/23/23 09:13	03/23/23 12:16	
CBGA	< LOQ	7.900E-4	%		03/23/23 09:13	03/23/23 12:16	
CBC	< LOQ	0.008965	%		03/23/23 09:13	03/23/23 12:16	

Reference(2312045-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.0	5.000E-4	%	90-110	03/23/23 09:13	03/23/23 12:39	
delta 9-THC	95.3	5.000E-4	%	90-110	03/23/23 09:13	03/23/23 12:39	
delta 8-THC	107	0.004490	%	90-110	03/23/23 09:13	03/23/23 12:39	
CBD	92.9	5.000E-4	%	90-110	03/23/23 09:13	03/23/23 12:39	
CBDA	96.6	5.000E-4	%	90-110	03/23/23 09:13	03/23/23 12:39	



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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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