



Sour Lifter

Sample ID: G3H0118-02

Matrix: Industrial Hemp

Test ID: 5028548

Source ID:

Date Sampled: 08/03/23

Date Accepted: 08/03/23

Farm 168

Results at a Glance

Total THC : 0.34 %

Total CBD : 10 %

Total CBG : 0.25 %

Percent Moisture : 3.39 % **PASS**



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 8/10/2023

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Sample ID: G3H0118-02

Matrix: Industrial Hemp

Test ID: 5028548

Source ID:

Date Sampled: 08/03/23

Date Accepted: 08/03/23

Farm 168

Potency Analysis by HPLC

Date/Time Extracted: 08/09/23 09:19

Analysis Method/SOP: 215

Batch Identification: 2332037

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.009	0.34	3.4		
Total CBD	0.002	10	100		
Total CBG	0.0008	0.25	2.5		
THCA	0.0005	0.067	0.67		
delta 9-THC	0.0005	0.28	2.8		
delta 8-THC	0.005	< LOQ	< LOQ		
THCV	0.005	< LOQ	< LOQ		
THCVA	0.002	< LOQ	< LOQ		
CBD	0.0005	5.2	52		
CBDA	0.0005	5.5	55		
CBDV	0.005	0.016	0.16		
CBDVA	0.002	0.029	0.29		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0008	0.12	1.2		
CBGA	0.0008	0.16	1.6		
CBC	0.009	0.30	3		

Moisture

Date/Time Extracted: 08/09/23 13:08

Analysis Method/SOP: 103

Moisture: 3.39 %

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: 2332037 - 215-Hemp

Blank(2332037-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		08/09/23 09:19	08/10/23 04:28	
delta 9-THC	< LOQ	0.0005	%		08/09/23 09:19	08/10/23 04:28	
delta 8-THC	< LOQ	0.004	%		08/09/23 09:19	08/10/23 04:28	
THCV	< LOQ	0.005	%		08/09/23 09:19	08/10/23 04:28	
THCVA	< LOQ	0.002	%		08/09/23 09:19	08/10/23 04:28	
CBD	< LOQ	0.0005	%		08/09/23 09:19	08/10/23 04:28	
CBDA	< LOQ	0.0005	%		08/09/23 09:19	08/10/23 04:28	
CBDV	< LOQ	0.005	%		08/09/23 09:19	08/10/23 04:28	
CBDVA	< LOQ	0.002	%		08/09/23 09:19	08/10/23 04:28	
CBN	< LOQ	0.003	%		08/09/23 09:19	08/10/23 04:28	
CBG	< LOQ	0.0008	%		08/09/23 09:19	08/10/23 04:28	
CBGA	< LOQ	0.0008	%		08/09/23 09:19	08/10/23 04:28	
CBC	< LOQ	0.009	%		08/09/23 09:19	08/10/23 04:28	

Reference(2332037-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	94.5	0.0005	%	90-110	08/09/23 09:19	08/10/23 04:51	
delta 9-THC	97.8	0.0005	%	90-110	08/09/23 09:19	08/10/23 04:51	
delta 8-THC	90.4	0.004	%	90-110	08/09/23 09:19	08/10/23 04:51	
CBD	101	0.0005	%	90-110	08/09/23 09:19	08/10/23 04:51	
CBDA	95.1	0.0005	%	90-110	08/09/23 09:19	08/10/23 04:51	

Moisture Content

Batch: 2332048 - 103

Blank(2332048-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.360		%		08/09/23 13:08	08/09/23 13:08	

Blank(2332048-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.360		%		08/09/23 13:08	08/09/23 13:08	

Reference(2332048-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	98.5		%	80-120	08/09/23 13:08	08/09/23 13:08	

Reference(2332048-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	95.0		%	80-120	08/09/23 13:08	08/09/23 13:08	



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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.
- 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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