



BubbleGum

Sample ID: G3A0009-02 Matrix: Industrial Hemp
Test ID: 5028563
Source ID:
Date Sampled: 01/03/23 Date Accepted: 01/03/23

Results at a Glance

Total THC : 12 %

Total CBD : 15 %

Total CBG : 0.46 %

Percent Moisture : 9.02 % PASS



Eric Wendt
Chief Science Officer - 1/5/2023

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Sample ID: G3A0009-02 Matrix: Industrial Hemp
Test ID: 5028563
Source ID:
Date Sampled: 01/03/23 Date Accepted: 01/03/23

Potency Analysis

Date/Time Extracted: 01/04/23 12:06 Analysis Method/SOP: 215 Batch Identification: 2301018

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.040	12	120		
Total CBD	0.009	15	150		
Total CBG	0.0009	0.46	4.6		
THCA	0.002	14	140		
delta 9-THC	0.002	0.049	0.49		
delta 8-THC	0.020	< LOQ	< LOQ		
THCV	0.022	< LOQ	< LOQ		
THCVA	0.008	< LOQ	< LOQ		
CBD	0.002	0.27	2.7		
CBDA	0.002	16	160		
CBDV	0.005	< LOQ	< LOQ		
CBDVA	0.002	0.080	0.8		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0009	0.024	0.24		
CBGA	0.0009	0.50	5		
CBC	0.010	0.061	0.61		

Moisture

Date/Time Extracted: 01/04/23 14:53 Analysis Method/SOP: 103

Moisture: 9.02 % 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: 2301018 - 215-Hemp

Blank(2301018-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		01/04/23 12:06	01/04/23 20:10	
delta 9-THC	< LOQ	0.0005	%		01/04/23 12:06	01/04/23 20:10	
delta 8-THC	< LOQ	0.004	%		01/04/23 12:06	01/04/23 20:10	
THCV	< LOQ	0.005	%		01/04/23 12:06	01/04/23 20:10	
THCVA	< LOQ	0.002	%		01/04/23 12:06	01/04/23 20:10	
CBD	< LOQ	0.0005	%		01/04/23 12:06	01/04/23 20:10	
CBDA	< LOQ	0.0005	%		01/04/23 12:06	01/04/23 20:10	
CBDV	< LOQ	0.005	%		01/04/23 12:06	01/04/23 20:10	
CBDVA	< LOQ	0.002	%		01/04/23 12:06	01/04/23 20:10	
CBN	< LOQ	0.003	%		01/04/23 12:06	01/04/23 20:10	
CBG	< LOQ	0.0008	%		01/04/23 12:06	01/04/23 20:10	
CBGA	< LOQ	0.0008	%		01/04/23 12:06	01/04/23 20:10	
CBC	< LOQ	0.009	%		01/04/23 12:06	01/04/23 20:10	

Reference(2301018-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	98.1	0.0005	%	90-110	01/04/23 12:06	01/04/23 20:44	
delta 9-THC	109	0.0005	%	90-110	01/04/23 12:06	01/04/23 20:44	
delta 8-THC	95.4	0.004	%	90-110	01/04/23 12:06	01/04/23 20:44	
CBD	99.7	0.0005	%	90-110	01/04/23 12:06	01/04/23 20:44	
CBDA	96.9	0.0005	%	90-110	01/04/23 12:06	01/04/23 20:44	

Moisture Content

Batch: 2301017 - 103

Blank(2301017-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.160		%		01/04/23 14:53	01/04/23 14:53	

Blank(2301017-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.160		%		01/04/23 14:53	01/04/23 14:53	

Reference(2301017-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	98.3		%	80-120	01/04/23 14:53	01/04/23 14:53	

Reference(2301017-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	83.9		%	80-120	01/04/23 14:53	01/04/23 14:53	



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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 CBD matrix interference on GC Pest chromatography
- CV1 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- CV2 CCV was below acceptance criteria, sample still exceeds regulatory limit.
- INF One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISH Internal Standard concentration is above acceptance criteria.
- ISL Internal Standard concentration is below acceptance criteria.
- MSH Matrix Spike High - Matrix Spike recovery above method limits.
- MSI Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- U Internal Standard concentration outside control limit due to matrix interference



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