



CBG 106

Sample ID: G2B0400-02

Matrix: Hemp Extracts &

Test ID: 5021362

Source ID:

Date Sampled: 02/24/22

Date Accepted: 02/24/22

Harvest/Prod. Date: 2/22/22

H2 Processing LLC

Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 91.55 % PASS



**ISO 17025
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LABORATORY**

Eric Wendt
Chief Science Officer - 2/26/2022

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Potency Analysis

Date/Time Extracted: 02/25/22 09:44

Analysis Method/SOP: 215

Batch Identification: 2209042

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	< LOQ	< LOQ	<p>91.6</p> <p>0.6</p> <p>91.6 0.6 Total: 92.2</p>
Total CBD	0.0431	< LOQ	< LOQ	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	91.55	915.5	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	< LOQ	< LOQ	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	0.6471	6.471	
Total Cannabinoids		92.20	922	

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: 2209042 - 215-Concentrates

Blank(2209042-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		02/25/22 09:44	02/25/22 18:15	
delta 9-THC	< LOQ	0.0005	%		02/25/22 09:44	02/25/22 18:15	
delta 8-THC	< LOQ	0.0934	%		02/25/22 09:44	02/25/22 18:15	
THCV	< LOQ	0.1052	%		02/25/22 09:44	02/25/22 18:15	
THCVA	< LOQ	0.0392	%		02/25/22 09:44	02/25/22 18:15	
CBD	< LOQ	0.0005	%		02/25/22 09:44	02/25/22 18:15	
CBDA	< LOQ	0.0005	%		02/25/22 09:44	02/25/22 18:15	
CBDV	< LOQ	0.1040	%		02/25/22 09:44	02/25/22 18:15	
CBDVA	< LOQ	0.0341	%		02/25/22 09:44	02/25/22 18:15	
CBN	< LOQ	0.0622	%		02/25/22 09:44	02/25/22 18:15	
CBG	< LOQ	0.0164	%		02/25/22 09:44	02/25/22 18:15	
CBGA	< LOQ	0.0164	%		02/25/22 09:44	02/25/22 18:15	
CBC	< LOQ	0.0186	%		02/25/22 09:44	02/25/22 18:15	

Reference(2209042-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	111	0.0001	%	80-120	02/25/22 09:44	02/25/22 18:38	
delta 9-THC	110	0.0001	%	80-120	02/25/22 09:44	02/25/22 18:38	
delta 8-THC	111	0.0231	%	0-200	02/25/22 09:44	02/25/22 18:38	
CBD	107	0.0001	%	80-120	02/25/22 09:44	02/25/22 18:38	
CBDA	110	0.0001	%	80-120	02/25/22 09:44	02/25/22 18:38	



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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.

- 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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