



DISDG1 L0143 C DRAINED

Sample ID: G3H0311-06 Matrix: Hemp Extracts & Concentrates
Test ID: 5024191
Source ID:
Date Sampled: 08/18/23 Date Accepted: 08/18/23
Batch Lot ID: 1073025-2023-013

Octave Labs LLC
info@octave-labs.com

Results at a Glance

Total THC : <LOQ (0.0005%) %

Total CBD : 47.93 %

Total CBG : 38.59 %



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 8/23/2023



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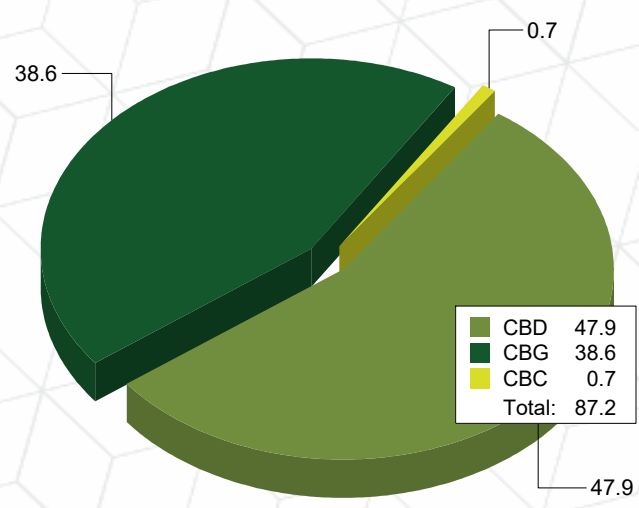
Sample ID: G3H0311-06 Matrix: Hemp Extracts & Concentrates
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Potency Analysis by HPLC

Date/Time Extracted: 08/18/23 13:24 Analysis Method/SOP: 215 Batch Identification: 2333084

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0005	< LOQ	< LOQ	
Total CBD	0.0431	47.93	479.3	
Total CBG	0.0164	38.59	385.9	
THCA	0.0005	< LOQ	< LOQ	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	47.93	479.3	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	38.59	385.9	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	0.6893	6.893	
Total Cannabinoids		87.21	872.1	



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: 2333084 - 215-Concentrates

Blank(2333084-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		08/18/23 13:24	08/18/23 21:42	
delta 9-THC	< LOQ	0.0005	%		08/18/23 13:24	08/18/23 21:42	
delta 8-THC	< LOQ	0.0934	%		08/18/23 13:24	08/18/23 21:42	
THCV	< LOQ	0.1052	%		08/18/23 13:24	08/18/23 21:42	
THCVA	< LOQ	0.0392	%		08/18/23 13:24	08/18/23 21:42	
CBD	< LOQ	0.0005	%		08/18/23 13:24	08/18/23 21:42	
CBDA	< LOQ	0.0005	%		08/18/23 13:24	08/18/23 21:42	
CBDV	< LOQ	0.1040	%		08/18/23 13:24	08/18/23 21:42	
CBDVA	< LOQ	0.0341	%		08/18/23 13:24	08/18/23 21:42	
CBN	< LOQ	0.0622	%		08/18/23 13:24	08/18/23 21:42	
CBG	< LOQ	0.0164	%		08/18/23 13:24	08/18/23 21:42	
CBGA	< LOQ	0.0164	%		08/18/23 13:24	08/18/23 21:42	
CBC	< LOQ	0.0186	%		08/18/23 13:24	08/18/23 21:42	

Reference(2333084-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	106	0.0002	%	90-110	08/18/23 13:24	08/18/23 22:05	
delta 9-THC	105	0.0002	%	90-110	08/18/23 13:24	08/18/23 22:05	
delta 8-THC	90.3	0.0456	%	90-110	08/18/23 13:24	08/18/23 22:05	
CBD	98.0	0.0002	%	90-110	08/18/23 13:24	08/18/23 22:05	
CBDA	97.3	0.0002	%	90-110	08/18/23 13:24	08/18/23 22:05	



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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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