



UL10008523

Sample ID: G3H0250-01

Matrix: Hemp Products

Test ID: 5028554

Source ID:

Date Sampled: 08/11/23

Date Accepted: 08/11/23

CDJ Hope Enterprises

Results at a Glance

Total THC : <LOQ (0.0010%) %

Total CBD : 0.9036 %



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 8/17/2023



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Potency Analysis by HPLC

Date/Time Extracted: 08/16/23 11:38

Analysis Method/SOP: 215

Batch Identification: 2333031

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0010	< LOQ		
Total CBD	0.0010	9.036		
THCA	0.0010	< LOQ		
delta 9-THC	0.0010	< LOQ		
delta 8-THC	0.0384	< LOQ		
THCV	0.0300	< LOQ		
THCVA	0.0448	< LOQ		
CBD	0.0010	9.036		
CBDA	0.0010	< LOQ		
CBDV	0.0308	< LOQ		
CBDVA	0.0423	< LOQ		
CBN	0.0277	0.336		
CBG	0.0322	< LOQ		
CBGA	0.0427	< LOQ		
CBC	0.0404	0.596		

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: 2333031 - 215-Products

Blank(2333031-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0039	%		08/16/23 11:38	08/16/23 15:20	
delta 9-THC	< LOQ	0.0039	%		08/16/23 11:38	08/16/23 15:20	
delta 8-THC	< LOQ	0.1500	%		08/16/23 11:38	08/16/23 15:20	
THCV	< LOQ	0.1170	%		08/16/23 11:38	08/16/23 15:20	
THCVA	< LOQ	0.1752	%		08/16/23 11:38	08/16/23 15:20	
CBD	< LOQ	0.0039	%		08/16/23 11:38	08/16/23 15:20	
CBDA	< LOQ	0.0039	%		08/16/23 11:38	08/16/23 15:20	
CBDV	< LOQ	0.1204	%		08/16/23 11:38	08/16/23 15:20	
CBDVA	< LOQ	0.1654	%		08/16/23 11:38	08/16/23 15:20	
CBN	< LOQ	0.1081	%		08/16/23 11:38	08/16/23 15:20	
CBG	< LOQ	0.1258	%		08/16/23 11:38	08/16/23 15:20	
CBGA	< LOQ	0.1667	%		08/16/23 11:38	08/16/23 15:20	
CBC	< LOQ	0.1578	%		08/16/23 11:38	08/16/23 15:20	

Reference(2333031-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	99.2	0.0098	%	90-110	08/16/23 11:38	08/16/23 15:43	
delta 9-THC	98.8	0.0098	%	90-110	08/16/23 11:38	08/16/23 15:43	
delta 8-THC	96.7	0.3773	%	90-110	08/16/23 11:38	08/16/23 15:43	
CBD	94.7	0.0098	%	90-110	08/16/23 11:38	08/16/23 15:43	
CBDA	99.0	0.0098	%	90-110	08/16/23 11:38	08/16/23 15:43	



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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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