



Blue Dream - D8

Sample ID: G1E0022-03

Matrix: Industrial Hemp

Test ID: 5015508

Source ID:

Date Sampled: 05/03/21

Date Accepted: 05/03/21

Organic CBD Nugs

Results at a Glance

Total THC : 0.2450 %

Total CBD : 8.705 %

Total CBG : 0.6931 %



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 5/6/2021

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Organic CBD Nugs

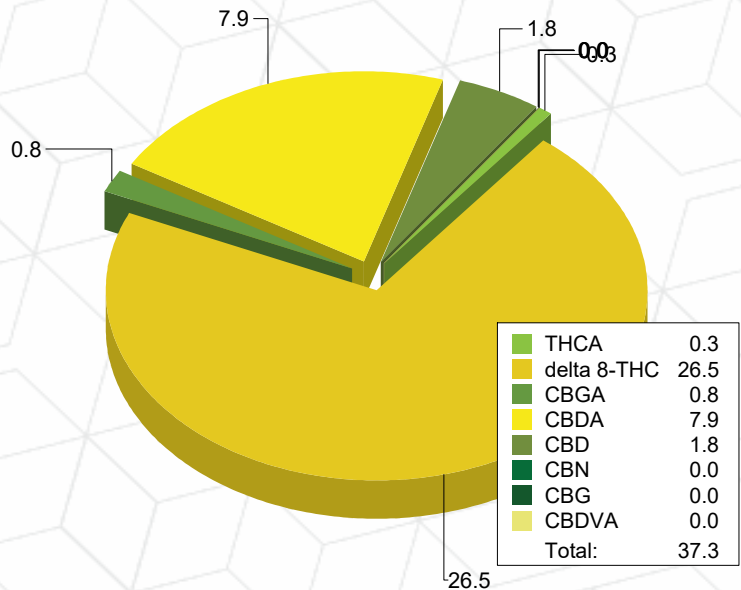
Potency Analysis

Date/Time Extracted: 05/04/21 13:23

Analysis Method/SOP: 215

Batch Identification: 2119021

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.009080	0.2450	2.45	
Total CBD	0.008300	8.705	87.05	
Total CBG	7.900E-4	0.6931	6.931	
THCA	0.002920	0.2794	2.794	
delta 9-THC	0.009080	< LOQ	< LOQ	
delta 8-THC	0.04670	26.50	265	
THCV	0.005055	< LOQ	< LOQ	
THCVA	0.001885	< LOQ	< LOQ	
CBD	0.006220	1.790	17.9	
CBDA	0.008300	7.884	78.84	
CBDV	0.005000	< LOQ	< LOQ	
CBDVA	0.001640	0.008462	0.08462	
CBN	0.002990	0.02543	0.2543	
CBG	7.900E-4	0.003122	0.03122	
CBGA	7.900E-4	0.7859	7.859	
CBC	0.008965	< LOQ	< LOQ	



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: 2119021 - 215-Hemp

Blank(2119021-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.002920	%		05/04/21 13:23	05/05/21 11:26	
delta 9-THC	< LOQ	0.009080	%		05/04/21 13:23	05/05/21 11:26	
delta 8-THC	< LOQ	0.004490	%		05/04/21 13:23	05/05/21 11:26	
THCV	< LOQ	0.005055	%		05/04/21 13:23	05/05/21 11:26	
THCVA	< LOQ	0.001885	%		05/04/21 13:23	05/05/21 11:26	
CBD	< LOQ	0.001555	%		05/04/21 13:23	05/05/21 11:26	
CBDA	< LOQ	0.002075	%		05/04/21 13:23	05/05/21 11:26	
CBDV	< LOQ	0.005000	%		05/04/21 13:23	05/05/21 11:26	
CBDVA	< LOQ	0.001640	%		05/04/21 13:23	05/05/21 11:26	
CBN	< LOQ	0.002990	%		05/04/21 13:23	05/05/21 11:26	
CBG	< LOQ	7.900E-4	%		05/04/21 13:23	05/05/21 11:26	
CBGA	< LOQ	7.900E-4	%		05/04/21 13:23	05/05/21 11:26	
CBC	< LOQ	0.008965	%		05/04/21 13:23	05/05/21 11:26	

Reference(2119021-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	102	0.002920	%	80-120	05/04/21 13:23	05/04/21 21:13	
delta 9-THC	97.7	0.009080	%	80-120	05/04/21 13:23	05/04/21 21:13	
CBD	101	0.001555	%	80-120	05/04/21 13:23	05/04/21 21:13	
CBDA	99.0	0.002075	%	80-120	05/04/21 13:23	05/04/21 21:13	



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Notes and Definitions

- 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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