



### DELTA 8 HEMP CIGARETTE BLEND

Sample ID: G2K0317-01 Matrix: Industrial Hemp

Test ID: 5020136

Source ID:

Date Sampled: 11/21/22 Date Accepted: 11/21/22

Harvest/Prod. Date: 236901

*Upstate Processing*

#### Results at a Glance

Total THC : 0.02350 %

Total CBD : 5.956 %

Total CBG : 0.7641 %



**ISO 17025**  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 11/28/2022

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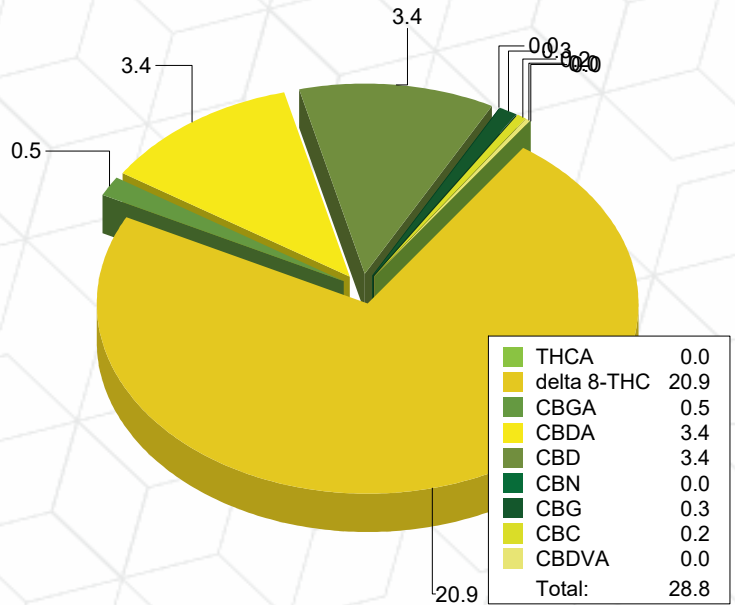
### Potency Analysis

Date/Time Extracted: 11/23/22 12:02

Analysis Method/SOP: 215

Batch Identification: 2248044

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.009080	0.02350	0.235		
Total CBD	0.008300	5.956	59.56		
Total CBG	7.900E-4	0.7641	7.641		
THCA	5.000E-4	0.02679	0.2679		
delta 9-THC	5.000E-4	< LOQ	< LOQ		
delta 8-THC	0.01796	20.94	209.4		
THCV	0.02022	< LOQ	< LOQ		
THCVA	0.007540	< LOQ	< LOQ		
CBD	5.000E-4	3.365	33.65		
CBDA	5.000E-4	3.391	33.91		
CBDV	0.005000	< LOQ	< LOQ		
CBDVA	0.001640	0.04515	0.4515		
CBN	0.002990	0.01878	0.1878		
CBG	7.900E-4	0.3291	3.291		
CBGA	7.900E-4	0.4954	4.954		
CBC	0.008965	0.1927	1.927		



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: 2248044 - 215-Hemp

Blank(2248044-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	5.000E-4	%		11/23/22 12:02	11/23/22 22:57	
delta 9-THC	< LOQ	5.000E-4	%		11/23/22 12:02	11/23/22 22:57	
delta 8-THC	< LOQ	0.004490	%		11/23/22 12:02	11/23/22 22:57	
THCV	< LOQ	0.005055	%		11/23/22 12:02	11/23/22 22:57	
THCVA	< LOQ	0.001885	%		11/23/22 12:02	11/23/22 22:57	
CBD	< LOQ	5.000E-4	%		11/23/22 12:02	11/23/22 22:57	
CBDA	< LOQ	5.000E-4	%		11/23/22 12:02	11/23/22 22:57	
CBDV	< LOQ	0.005000	%		11/23/22 12:02	11/23/22 22:57	
CBDVA	< LOQ	0.001640	%		11/23/22 12:02	11/23/22 22:57	
CBN	< LOQ	0.002990	%		11/23/22 12:02	11/23/22 22:57	
CBG	< LOQ	7.900E-4	%		11/23/22 12:02	11/23/22 22:57	
CBGA	< LOQ	7.900E-4	%		11/23/22 12:02	11/23/22 22:57	
CBC	< LOQ	0.008965	%		11/23/22 12:02	11/23/22 22:57	

Reference(2248044-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	5.000E-4	%	90-110	11/23/22 12:02	11/23/22 23:19	
delta 9-THC	108	5.000E-4	%	90-110	11/23/22 12:02	11/23/22 23:19	
delta 8-THC	108	0.004490	%	90-110	11/23/22 12:02	11/23/22 23:19	
CBD	90.1	5.000E-4	%	90-110	11/23/22 12:02	11/23/22 23:19	
CBDA	95.0	5.000E-4	%	90-110	11/23/22 12:02	11/23/22 23:19	



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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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