



### Lemon Octane

Sample ID: G4K0009-03

Matrix: Industrial Hemp

Test ID: 5035116

Source ID:

Date Sampled: 10/31/24

Date Accepted: 10/31/24

### Results at a Glance

Total THC : 0.64 %

Total CBD : 18 %

Total CBG : <LOQ (0.0008% dry) %

Percent Moisture : 6.62 % **PASS**



Nolan Mundie  
Lab Director - 11/7/2024



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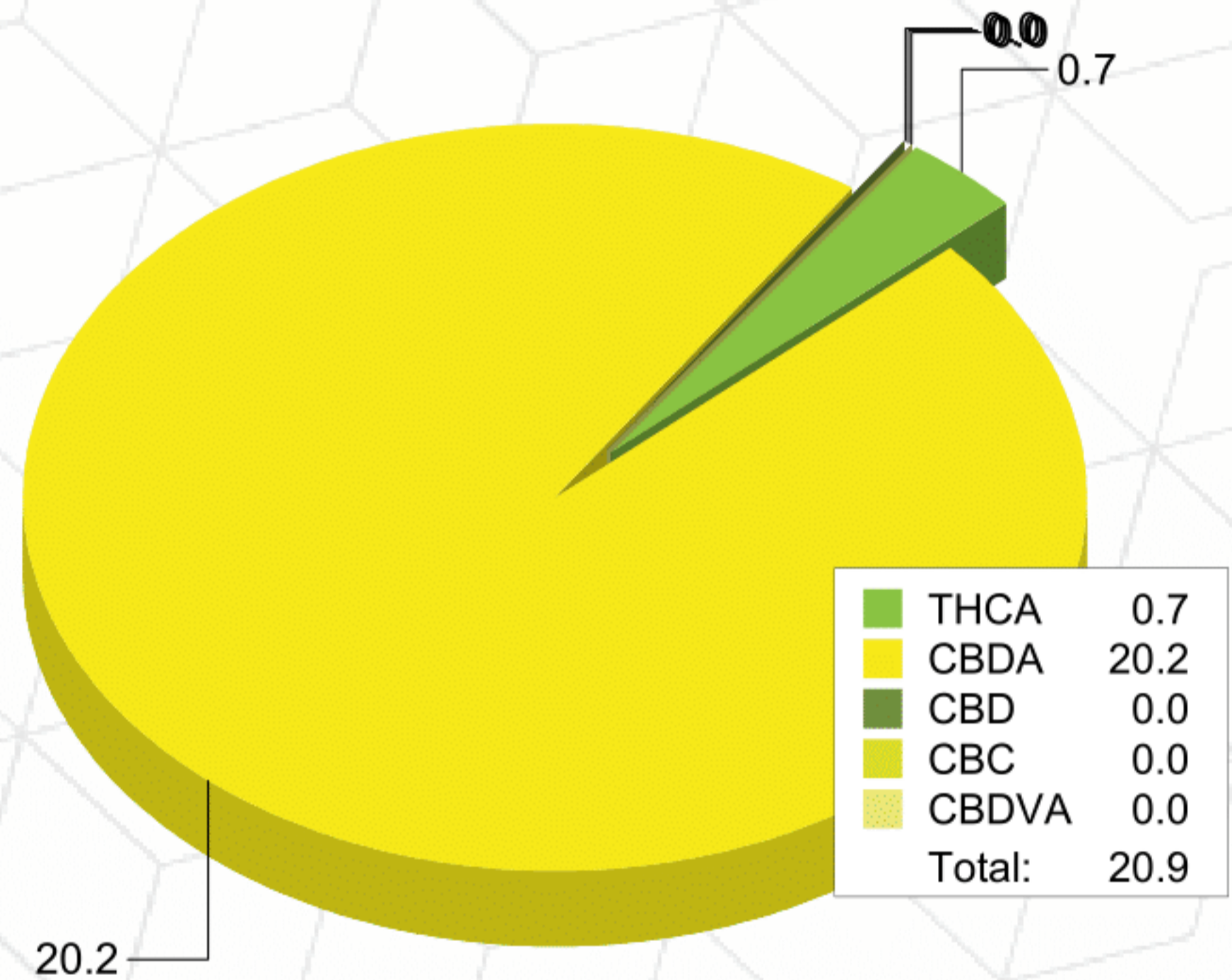
### Potency Analysis

Date/Time Extracted: 11/01/24 14:22

Analysis Method/SOP: 215

Batch Identification: 2444063

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.010	0.64	6.4	
Total CBD	0.009	18	180	
Total CBG	0.0008	< LOQ	< LOQ	
THCA	0.0005	0.73	7.3	
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.005	< LOQ	< LOQ	
THCV	0.005	< LOQ	< LOQ	
THCVA	0.002	< LOQ	< LOQ	
CBD	0.002	0.023	0.23	
CBDA	0.002	20	200	
CBDV	0.005	< LOQ	< LOQ	
CBDVA	0.002	0.013	0.13	
CBN	0.003	< LOQ	< LOQ	
CBG	0.0008	< LOQ	< LOQ	
CBGA	0.0008	< LOQ	< LOQ	
CBC	0.010	0.026	0.26	



### Moisture

Date/Time Extracted: 11/04/24 13:16

Analysis Method/SOP: 103

Moisture: 6.62 %

Action Level: 90%

Potency results are reported on a dry weight basis.

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.

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025



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### Quality Control Potency

Batch: 2444063 - 215-Hemp

Blank(2444063-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		11/01/24 14:22	11/01/24 21:41	
delta 9-THC	< LOQ	0.0005	%		11/01/24 14:22	11/01/24 21:41	
delta 8-THC	< LOQ	0.004	%		11/01/24 14:22	11/01/24 21:41	
THCV	< LOQ	0.005	%		11/01/24 14:22	11/01/24 21:41	
THCVA	< LOQ	0.002	%		11/01/24 14:22	11/01/24 21:41	
CBD	< LOQ	0.0005	%		11/01/24 14:22	11/01/24 21:41	
CBDA	< LOQ	0.0005	%		11/01/24 14:22	11/01/24 21:41	
CBDV	< LOQ	0.005	%		11/01/24 14:22	11/01/24 21:41	
CBDVA	< LOQ	0.002	%		11/01/24 14:22	11/01/24 21:41	
CBN	< LOQ	0.003	%		11/01/24 14:22	11/01/24 21:41	
CBG	< LOQ	0.0008	%		11/01/24 14:22	11/01/24 21:41	
CBGA	< LOQ	0.0008	%		11/01/24 14:22	11/01/24 21:41	
CBC	< LOQ	0.009	%		11/01/24 14:22	11/01/24 21:41	

Reference(2444063-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	96.0	0.0005	%	90-110	11/01/24 14:22	11/01/24 22:04	
delta 9-THC	93.1	0.0005	%	90-110	11/01/24 14:22	11/01/24 22:04	
delta 8-THC	95.4	0.004	%	90-110	11/01/24 14:22	11/01/24 22:04	
CBD	98.7	0.0005	%	90-110	11/01/24 14:22	11/01/24 22:04	
CBDA	106	0.0005	%	90-110	11/01/24 14:22	11/01/24 22:04	

### Moisture Content

Batch: 2445007 - 103

Blank(2445007-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.240		%		11/04/24 13:16	11/04/24 13:16	

Blank(2445007-BLK2)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	0.0800		%		11/04/24 13:16	11/04/24 13:16	

Reference(2445007-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	84.6		%	80-120	11/04/24 13:16	11/04/24 13:16	

Reference(2445007-SRM2)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	98.8		%	80-120	11/04/24 13:16	11/04/24 13:16	



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### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 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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