



# Green Leaf Lab®

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## Quality Control Testing Official Report

### SL D8

Sample ID: G1I0145-04

Matrix: Industrial Hemp

Test ID: 5014414

Source ID:

Date Sampled: 09/07/21

Date Accepted: 09/07/21

### D Squared Worlwide Inc

10018 Chickasaw Ln Bldg B

Houston, TX 77041

info@dsquaredworldwide.com

281-612-1660

### Results at a Glance

Total THC : 0.1473 %

Total CBD : 8.261 %

Total CBG : 6.179 %

delta 8-THC : 12.95 % PASS



ISO 17025  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 9/13/2021

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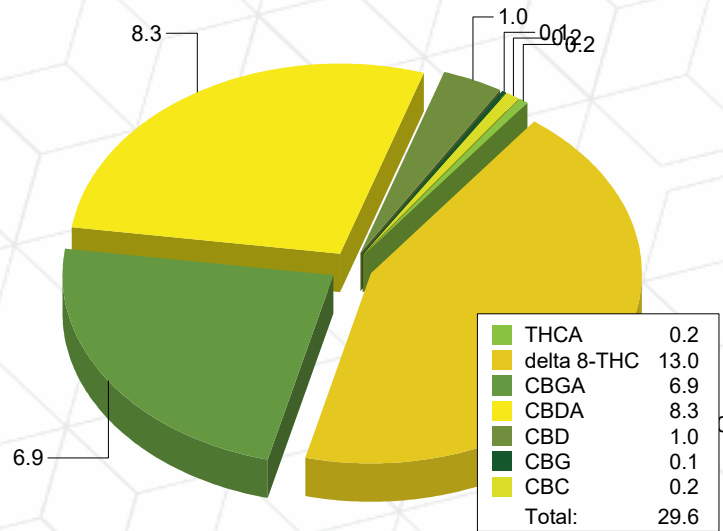
## Potency Analysis

Date/Time Extracted: 09/09/21 11:25

Analysis Method/SOP: 215

Batch Identification: 2137030

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.04722	0.1473	1.473	
Total CBD	0.01079	8.261	82.61	
Total CBG	0.004108	6.179	61.79	
THCA	0.01518	0.1679	1.679	
delta 9-THC	0.04722	< LOQ	< LOQ	
delta 8-THC	0.02335	12.95	129.5	
THCV	0.02629	< LOQ	< LOQ	
THCVA	0.009802	< LOQ	< LOQ	
CBD	0.008086	1.012	10.12	
CBDA	0.01079	8.265	82.65	
CBDV	0.02600	< LOQ	< LOQ	
CBDVA	0.008528	< LOQ	< LOQ	
CBN	0.01555	< LOQ	< LOQ	
CBG	0.004108	0.1280	1.28	
CBGA	0.004108	6.891	68.91	
CBC	0.04662	0.2250	2.25	



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: 2137030 - 215-Hemp

#### Blank(2137030-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.01168	%		09/09/21 11:25	09/09/21 21:21	
delta 9-THC	< LOQ	0.03632	%		09/09/21 11:25	09/09/21 21:21	
delta 8-THC	< LOQ	0.01796	%		09/09/21 11:25	09/09/21 21:21	
THCV	< LOQ	0.02022	%		09/09/21 11:25	09/09/21 21:21	
THCVA	< LOQ	0.007540	%		09/09/21 11:25	09/09/21 21:21	
CBD	< LOQ	0.006220	%		09/09/21 11:25	09/09/21 21:21	
CBDA	< LOQ	0.008300	%		09/09/21 11:25	09/09/21 21:21	
CBDV	< LOQ	0.02000	%		09/09/21 11:25	09/09/21 21:21	
CBDVA	< LOQ	0.006560	%		09/09/21 11:25	09/09/21 21:21	
CBN	< LOQ	0.01196	%		09/09/21 11:25	09/09/21 21:21	
CBG	< LOQ	0.003160	%		09/09/21 11:25	09/09/21 21:21	
CBGA	< LOQ	0.003160	%		09/09/21 11:25	09/09/21 21:21	
CBC	< LOQ	0.03586	%		09/09/21 11:25	09/09/21 21:21	

#### Reference(2137030-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	108	0.002920	%	80-120	09/09/21 11:25	09/09/21 21:55	
delta 9-THC	102	0.009080	%	80-120	09/09/21 11:25	09/09/21 21:55	
CBD	107	0.001555	%	80-120	09/09/21 11:25	09/09/21 21:55	
CBDA	105	0.002075	%	80-120	09/09/21 11:25	09/09/21 21:55	



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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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