

12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com License#: 10029074C70

Citrus Berri

Sample ID: G1I0330-05

Matrix: Industrial Hemp

Test ID: 5010500 **Source ID:**

Date Sampled: 09/16/21

Date Accepted: 09/16/21

Results at a Glance

Total THC: 0.6916 %

Total CBD: 16.77 %

Total CBG: 0.4188 %





Eric Wendt Chief Science Officer - 9/20/2021



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Sample ID: G1I0330-05

Test ID: 5010500

Source ID:

Date Sampled: 09/16/21

Matrix: Industrial Hemp

Date Accepted: 09/16/21

Potency Analysis

Analysis Method/SOP: 215 Date/Time Extracted: 09/19/21 09:19 Batch Identification: 2139005 **Cannabinoids Profile** Cannabinoids LOQ (%) % by Wt. mg/g Total THC 0.009080 0.6916 6.916 Total CBD 0.008300 16.77 167.7 =0<u>0</u>9<u>10</u> -- 0.7 Total CBG 7.900E-4 0.4188 4.188 $\frac{0.1}{0.4}$ **THCA** 0.002920 0.7063 7.063 delta 9-THC 0.009080 0.07214 0.7214 delta 8-THC 0.004490 < LOQ < LOQ THCV 0.005055 < LOQ < LOQ **THCVA** 0.001885 < LOQ < LOQ CBD 0.006220 0.8974 8.974 **THCA** 0.7 **CBDA** 0.008300 18.10 181 delta 9-THC 0.1 **CBGA** 0.4 < LOQ **CBDV** 0.005000 < LOQ **CBDA** 18.1 CBD 0.9 **CBDVA** 0.001640 0.01634 0.1634 CBG 0.0 CBN 0.002990 < LOQ < LOQ CBC 0.1 **CBDVA** 0.0 18.1 **CBG** 7.900E-4 0.04299 0.4299 20.4 Total: **CBGA** 7.900E-4 0.4281 4.281 CBC 0.008965 0.1117 1.117

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: 2139005 - 215-Hemp

Blank(2139005-BLK1)								
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes	
THCA	< LOQ	0.002920	%		09/19/21 09:19	09/19/21 14:14		
delta 9-THC	< LOQ	0.009080	%		09/19/21 09:19	09/19/21 14:14		
delta 8-THC	< LOQ	0.004490	%		09/19/21 09:19	09/19/21 14:14		
THCV	< LOQ	0.005055	%		09/19/21 09:19	09/19/21 14:14		
THCVA	< LOQ	0.001885	%		09/19/21 09:19	09/19/21 14:14		
CBD	< LOQ	0.001555	%		09/19/21 09:19	09/19/21 14:14		
CBDA	< LOQ	0.002075	%		09/19/21 09:19	09/19/21 14:14		
CBDV	< LOQ	0.005000	%		09/19/21 09:19	09/19/21 14:14		
CBDVA	< LOQ	0.001640	%		09/19/21 09:19	09/19/21 14:14		
CBN	< LOQ	0.002990	%		09/19/21 09:19	09/19/21 14:14		
CBG	< LOQ	7.900E-4	%		09/19/21 09:19	09/19/21 14:14		
CBGA	< LOQ	7.900E-4	%		09/19/21 09:19	09/19/21 14:14		
CBC	< LOQ	0.008965	%		09/19/21 09:19	09/19/21 14:14		

Reference(2139005-SRM1)								
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes	
THCA	99.4	0.002920	%	80-120	09/19/21 09:19	09/19/21 14:37		
delta 9-THC	96.7	0.009080	%	80-120	09/19/21 09:19	09/19/21 14:37		
CBD	100	0.001555	%	80-120	09/19/21 09:19	09/19/21 14:37		
CBDA	102	0.002075	%	80-120	09/19/21 09:19	09/19/21 14:37		





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Notes and Definitions

ATM	Nor	ı-car	nabi	s matrix	related	inter	feren	ce or	suppr	ession c	f Inter	nal st	tandard	
D	_				_									

- 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
- C 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
- TPP recovery accuracy in Matrix Spike.
- 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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