

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

#### Lifter

Sample ID: G2C0436-05

Matrix: Industrial Hemp

Test ID: 5026055 Source ID:

**Date Sampled:** 03/24/22

Date Accepted: 03/24/22

C Oregon LLC

### Results at a Glance

Total THC: 0.45 %

Total CBD: 13 %

Total CBG: 2.2 %

Percent Moisture: 9.22 % PASS





Eric Wendt Chief Science Officer - 3/28/2022



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Sample ID: G2C0436-05

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**Date Sampled:** 03/24/22

Date Accepted: 03/24/22

C Oregon LLC

#### **Potency Analysis** Analysis Method/SOP: 215 Date/Time Extracted: 03/25/22 08:32 **Batch Identification: 2213045 Cannabinoids Profile** % by Wt. LOQ (%) mg/g **Total THC** 0.010 0.45 4.5 Total CBD 0.009 13 130 0.7 00<u>01</u>1 0.4 -0.1 Total CBG 0.0009 2.2 22 **THCA** 0.0006 0.40 4 delta 9-THC 0.97 0.0006 0.097 2.4 delta 8-THC 0.005 < LOQ < LOQ THCV 0.006 < LOQ < LOQ **THCVA** 0.002 < LOQ < LOQ 0.002 7.3 CBD 0.73 THCA 0.4 **CBDA** 0.002 14 140 delta 9-THC 0.1 **CBGA** 2.4 **CBDV** 0.006 < LOQ < LOQ **CBDA** 13.7 CBD 0.7 **CBDVA** 0.002 0.090 0.9 CBG 0.1 13.7 CBN 0.003 < LOQ < LOQ CBC 0.1 **CBDVA** 0.1 CBG 0.0009 0.11 1.1 Total: 17.6 **CBGA** 0.0009 2.4 24 CBC 0.010 0.097 0.97

**Moisture** 

Date/Time Extracted: 03/26/22 15:48 Analysis Method/SOP: 103

Moisture: 9.22 % Action Level: 15%

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)

 $\label{lowest} \mbox{LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.}$ 





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# Quality Control Potency

Batch: 2213045 - 215-Hemp

Blank(2213045-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		03/25/22 08:32	03/26/22 20:26	
delta 9-THC	< LOQ	0.0005	%		03/25/22 08:32	03/26/22 20:26	
delta 8-THC	< LOQ	0.004	%		03/25/22 08:32	03/26/22 20:26	
THCV	< LOQ	0.005	%		03/25/22 08:32	03/26/22 20:26	
THCVA	< LOQ	0.002	%		03/25/22 08:32	03/26/22 20:26	
CBD	< LOQ	0.0005	%		03/25/22 08:32	03/26/22 20:26	
CBDA	< LOQ	0.0005	%		03/25/22 08:32	03/26/22 20:26	
CBDV	< LOQ	0.005	%		03/25/22 08:32	03/26/22 20:26	
CBDVA	< LOQ	0.002	%		03/25/22 08:32	03/26/22 20:26	
CBN	< LOQ	0.003	%		03/25/22 08:32	03/26/22 20:26	
CBG	< LOQ	0.0008	%		03/25/22 08:32	03/26/22 20:26	
CBGA	< LOQ	0.0008	%		03/25/22 08:32	03/26/22 20:26	
CBC	< LOQ	0.009	%		03/25/22 08:32	03/26/22 20:26	

Reference(2213045-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	91.5	0.0005	%	80-120	03/25/22 08:32	03/26/22 20:49	
delta 9-THC	83.7	0.0005	%	80-120	03/25/22 08:32	03/26/22 20:49	
CBD	80.4	0.0005	%	80-120	03/25/22 08:32	03/26/22 20:49	
CBDA	88.9	0.0005	%	80-120	03/25/22 08:32	03/26/22 20:49	

#### **Moisture Content**

Batch: 2213061 - 103

Reference(22130	)61-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	105		%	80-120	03/26/22 15:48	03/26/22 15:48	
Reference(22130	)61-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
Percent Moisture	106		%	80-120	03/26/22 15:48	03/26/22 15:48	







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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.

AIM	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
С	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

