

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

## **Wedding Cake**

Sample ID: G2C0436-10

Matrix: Industrial Hemp

Test ID: 5026060 Source ID:

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

Date Accepted: 03/24/22

C Oregon LLC

## Results at a Glance

Total THC: 0.1958 %

Total CBD: 7.249 %

Total CBG: 2.029 %

delta 8-THC: 20.19 % PASS





Eric Wendt Chief Science Officer - 3/28/2022



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Sample ID: G2C0436-10

Test ID: 5026060

Source ID:

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

Matrix: Industrial Hemp

Date Accepted: 03/24/22

C Oregon LLC

### **Potency Analysis** Analysis Method/SOP: 215 Batch Identification: 2213044 Date/Time Extracted: 03/25/22 08:30 **Cannabinoids Profile** Cannabinoids % by Wt. LOQ (%) mg/g Total THC 0.009080 0.1958 1.958 Total CBD 0.008300 7.249 72.49 7.8 Total CBG 7.900E-4 2.029 20.29 **THCA** 5.000E-4 0.2232 2.232 delta 9-THC < LOQ 5.000E-4 < LOQ delta 8-THC 0.01796 20.19 201.9 < LOQ THCV 0.005055 < LOQ **THCVA** 0.001885 < LOQ < LOQ CBD 0.002000 4.339 0.4339 THCA 0.2 **CBDA** 0.002000 7.770 77.7 delta 8-THC 20.2 **CBGA** 2.2 **CBDV** 0.005000 < LOQ < LOQ **CBDA** 7.8 CBD 0.4 **CBDVA** 0.001640 0.04164 0.4164 **CBN** 0.0 CBN 0.002990 0.04293 0.4293 **CBG** 0.1 CBC 0.1 CBG 7.900F-4 0.06347 0.6347 **CBDVA** 0.0 Total: 31.1 **CBGA** 7.900E-4 2.239 22.39 CBC 1.339 0.008965 0.1339

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: 2213044 - 215-Hemp

Blank(2213044-BLK1)								
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes	
THCA	< LOQ	5.000E-4	%		03/25/22 08:30	03/26/22 13:43		
delta 9-THC	< LOQ	5.000E-4	%		03/25/22 08:30	03/26/22 13:43		
delta 8-THC	< LOQ	0.004490	%		03/25/22 08:30	03/26/22 13:43		
THCV	< LOQ	0.005055	%		03/25/22 08:30	03/26/22 13:43		
THCVA	< LOQ	0.001885	%		03/25/22 08:30	03/26/22 13:43		
CBD	< LOQ	5.000E-4	%		03/25/22 08:30	03/26/22 13:43		
CBDA	< LOQ	5.000E-4	%		03/25/22 08:30	03/26/22 13:43		
CBDV	< LOQ	0.005000	%		03/25/22 08:30	03/26/22 13:43		
CBDVA	< LOQ	0.001640	%		03/25/22 08:30	03/26/22 13:43		
CBN	< LOQ	0.002990	%		03/25/22 08:30	03/26/22 13:43		
CBG	< LOQ	7.900E-4	%		03/25/22 08:30	03/26/22 13:43		
CBGA	< LOQ	7.900E-4	%		03/25/22 08:30	03/26/22 13:43		
CBC	< LOQ	0.008965	%		03/25/22 08:30	03/26/22 13:43		

Reference(2213044-SRM1)								
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes	
THCA	98.8	5.000E-4	%	80-120	03/25/22 08:30	03/26/22 14:06		
delta 9-THC	90.2	5.000E-4	%	80-120	03/25/22 08:30	03/26/22 14:06		
CBD	85.6	5.000E-4	%	80-120	03/25/22 08:30	03/26/22 14:06		
CBDA	95.4	5.000E-4	%	80-120	03/25/22 08:30	03/26/22 14:06		







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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

