

12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com

License#: 10029074C70

Kalypso

Sample ID: G1A0176-09

Matrix: Industrial Hemp

Test ID: 5009801 Source ID:

Date Sampled: 01/12/21

Date Accepted: 01/12/21

C Oregon LLC

Results at a Glance

Total THC: 0.5795 %

Total CBD: 13.27 %

Total CBG: 0.9333 %





Eric Wendt Chief Science Officer - 1/16/2021



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Matrix: Industrial Hemp

Test ID: 5009801 Source ID:

Date Sampled: 01/12/21

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C Oregon LLC

Potency Analysis Analysis Method/SOP: 215 Date/Time Extracted: 01/14/21 08:57 Batch Identification: 2103034 **Cannabinoids Profile** Cannabinoids LOQ (%) % by Wt. mg/g **Total THC** 0.009080 5.795 0.5795 Total CBD 0.008300 13.27 132.7 0.2₀₀1 Total CBG 7.900E-4 0.9333 9.333 0.6 0.1 **THCA** 0.002920 0.6012 6.012 0.9 delta 9-THC 0.009080 0.05221 0.5221 THCV 0.005055 < LOQ < LOQ **THCVA** 0.001885 < LOQ < LOQ CBD 0.006220 0.2302 2.302 **CBDA** 0.008300 14.87 148.7 **THCA** 0.6 **CBDV** 0.005000 < LOQ < LOQ delta 9-THC 0.1 **CBGA** 0.9 **CBDVA** 0.001640 0.08271 0.8271 **CBDA** 14.9 CBD 0.2 **CBN** 0.002990 < LOQ < LOQ CBG 0.1 **CBG** 7.900E-4 0.1012 1.012 CBC 0.1 14.9 **CBDVA** 0.1 CBGA 7.900E-4 0.9477 9.477 Total: 17.0 CBC 0.008965 0.07751 0.7751

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: 2103034 - 215-Hemp

Blank(2103034-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.01168	%		01/14/21 08:57	01/14/21 20:50
delta 9-THC	< LOQ	0.03632	%		01/14/21 08:57	01/14/21 20:50
THCV	< LOQ	0.02022	%		01/14/21 08:57	01/14/21 20:50
THCVA	< LOQ	0.007540	%		01/14/21 08:57	01/14/21 20:50
CBD	< LOQ	0.006220	%		01/14/21 08:57	01/14/21 20:50
CBDA	< LOQ	0.008300	%		01/14/21 08:57	01/14/21 20:50
CBDV	< LOQ	0.02000	%		01/14/21 08:57	01/14/21 20:50
CBDVA	< LOQ	0.006560	%		01/14/21 08:57	01/14/21 20:50
CBN	< LOQ	0.01196	%		01/14/21 08:57	01/14/21 20:50
CBG	< LOQ	0.003160	%		01/14/21 08:57	01/14/21 20:50
CBGA	< LOQ	0.003160	%		01/14/21 08:57	01/14/21 20:50
CBC	< LOQ	0.03586	%		01/14/21 08:57	01/14/21 20:50

Reference(2103034-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	
THCA	101	0.002920	%	80-120	01/14/21 08:57	01/14/21 21:12	
delta 9-THC	101	0.009080	%	80-120	01/14/21 08:57	01/14/21 21:12	
CBD	101	0.001555	%	80-120	01/14/21 08:57	01/14/21 21:12	
CBDA	102	0.002075	%	80-120	01/14/21 08:57	01/14/21 21:12	

Terpene Analysis

Batch: 2103034 - 215-Hemp

Blank(2103034-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Bisabolol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Camphene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Camphor	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
3-Carene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
beta-Caryophyllene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Caryophyllene Oxide	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
alpha-Cedrene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Cedrol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Endo-fenchyl alcohol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Eucalyptol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Fenchone	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Geraniol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Geranyl acetate	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Guaiol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Hexahydrothymol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24



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Quality ControlTerpene Analysis (Continued)

Batch: 2103034 - 215-Hemp (Continued)

Blank(2103034-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Humulene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Isoborneol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Isopulegol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Limonene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Linalool	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
p-Mentha-1,5-diene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
beta-Myrcene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
trans-Nerolidol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
alpha-Pinene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
beta-Pinene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Pulegone	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Sabinene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Sabinene hydrate	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
gamma-Terpinene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
alpha-Terpinene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Terpineol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Terpinolene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Valencene	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
B Y-Terpineol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Nerol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
A-Terpineol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
cis-Nerolidol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Borneol	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Ocimene isomer II	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24
Ocimene isomer I	< LOQ	0.001000	%		01/14/21 08:57	01/15/21 03:24

Reference(2103034-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	
beta-Caryophyllene	94.8	2.500E-4	%	70-130	01/14/21 08:57	01/15/21 03:43	
alpha-Humulene	109	2.500E-4	%	70-130	01/14/21 08:57	01/15/21 03:43	
beta-Myrcene	77.8	2.500E-4	%	70-130	01/14/21 08:57	01/15/21 03:43	



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