



12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflab.org

Green Leaf Lab proudly follows TNI 2009
Quality Standards

CBD Essential Oil

The Apothecary, LLC

Sample ID: G8E0348-01

Date Sampled: 05/31/18 00:00

Date Accepted: 05/31/18

Results Valid Until: 05/31/19

Results at a Glance

Total CBD : 3.735 %

R&D Testing Only – Not Viable for Oregon Compliance Testing

Eric Wendt
Chief Science Officer - 6/6/2018



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Sample ID: G8E0348-01

Matrix: Extracts and Concentrates

M #: M1002858

Potency Analysis

Date/Time Extracted: 06/04/18 10:22

Analysis Method/SOP: 215

Date/Time Analyzed: 06/04/18 17:42

Batch Identification: 1823003

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile
Total THC ((THCA*0.877)+Δ9)	< LOQ	<p>3.7</p> <p>■ CBD 3.7 Total: 3.7</p>
Total CBD ((CBDA*0.877)+CBD)	3.735	
THCA	< LOQ	
delta 9-THC	< LOQ	
delta 8-THC	< LOQ	
THCV	< LOQ	
CBGA	< LOQ	
CBDA	< LOQ	
CBD	3.735	
CBDV	< LOQ	
CBN	< LOQ	
CBG	< LOQ	
CBC	< LOQ	
Total Cannabinoids	3.735	

<LOQ - Results below the Limit of Quantitation - Compound not detected. LOQ = 5 PPM (mg/L)

For Potency only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes.

Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

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 Chief Science Officer - 6/6/2018



Quality Control Potency

Batch: 1823003 - 215-Concentrates

Blank(1823003-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
delta 9-THC	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
delta 8-THC	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBGA	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
THCV	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBDA	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBD	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBDV	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBN	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBG	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBC	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBDVA	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBCA	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56
CBLA	< LOQ	0.4000	%		06/04/18 10:22	06/04/18 16:56

LCS(1823003-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	102	0.0100	%	80-120	06/04/18 10:22	06/04/18 17:07
delta 9-THC	112	0.0100	%	80-120	06/04/18 10:22	06/04/18 17:07
CBDA	112	0.0100	%	80-120	06/04/18 10:22	06/04/18 17:07
CBD	109	0.0100	%	80-120	06/04/18 10:22	06/04/18 17:07

LCS(1823003-BS2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	98.1	0.0100	%	80-120	06/04/18 10:22	06/04/18 17:19
delta 9-THC	108	0.0100	%	80-120	06/04/18 10:22	06/04/18 17:19
CBDA	107	0.0100	%	80-120	06/04/18 10:22	06/04/18 17:19
CBD	105	0.0100	%	80-120	06/04/18 10:22	06/04/18 17:19

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