

Certificate ID: **86701**

 Received: **9/10/20**

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**Relyf LLC**

209 20th St. N #112

Birmingham, AL 35203

Attn: Michael Hanson

 Client Sample ID: **1000mg Garden Mint**

 Lot Number: **190422LE**

 Matrix: **Tincture/Infused Oil - MCT Oil**

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 9/22/2020
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**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**

Analyst: JFD

Test Date: 9/18/2020

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

**86701-CN**

ID	Weight %	Concentration (mg/mL)			
D9-THC	0.144	1.36			
THCV	ND	ND			
CBD	4.08	38.5			
CBDV	0.0141	0.133			
CBG	0.0141	0.133			
CBC	0.0965	0.911			
CBN	<LOQ	<LOQ			
THCA	ND	ND			
CBDA	0.0127	0.120			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	4.37	41.2	0%	Cannabinoids (wt%)	4.1%
Max THC	0.144	1.36			
Max CBD	4.09	38.6			

**Ratio of Total CBD to THC 28.4:1**

Limit of Quantitation (LOQ) = 0.0111 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

**END OF REPORT**

Certificate ID: **86700**

 Received: **9/10/20**

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**Relyf LLC**
**209 20th St. N #112**
**Birmingham, AL 35203**
**Attn: Michael Hanson**

 Client Sample ID: **1000mg Natural**

 Lot Number: **190421LE**

 Matrix: **Tincture/Infused Oil - MCT Oil**

Authorization:

Chris Hudalla, Chief Science Officer

Signature:

Date:

9/22/2020



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**

 Analyst: *JFD*

 Test Date: *9/18/2020*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

**86700-CN**

ID	Weight %	Concentration (mg/mL)			
D9-THC	0.140	1.32			
THCV	ND	ND			
CBD	4.09	38.5			
CBDV	0.0122	0.115			
CBG	<LOQ	<LOQ			
CBC	0.101	0.953			
CBN	0.0122	0.115			
THCA	ND	ND			
CBDA	<LOQ	<LOQ			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	4.37	41.1	0%	Cannabinoids (wt%)	4.1%
Max THC	0.140	1.32			
Max CBD	4.09	38.6			

**Ratio of Total CBD to THC 29.3:1**

Limit of Quantitation (LOQ) = 0.0111 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

**END OF REPORT**