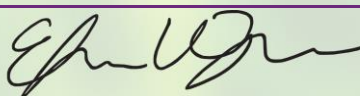


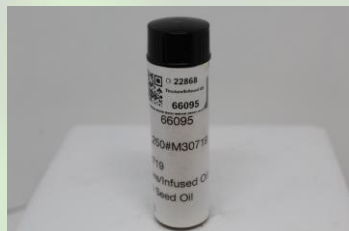
Certificate ID: **66095**  
 Received: **9/30/19**  
 Client Sample ID: **NHO\_250#M30719**  
 Lot Number: **#M30719**  
 Matrix: **Tincture/Infused Oil - Hemp Seed Oil**

Scan QR Code  
for authenticity



**Nature's Hemp Oil**  
**PO Box 1044**  
**Lexington, KY 40588**  
**Attn: Declan Murphy**

Authorization:	Signature:	Date:
Elizabeth R. Wagoner, Lab Director		10/9/2019

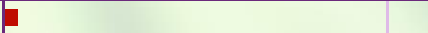
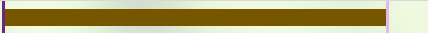
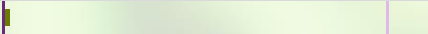

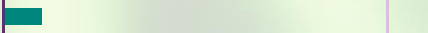
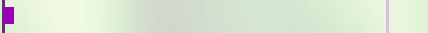


The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the 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: JSG* *Test Date: 10/3/2019*

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.

## 66095-CN

ID	Weight %	Concentration (mg/mL)	
D9-THC	0.03	0.26	
THCV	ND	ND	
CBD	0.78	7.02	
CBDV	0.01	0.11	
CBG	0.02	0.14	
CBC	0.08	0.71	
CBN	ND	ND	
THCA	ND	ND	
CBDA	0.02	0.19	
CBGA	ND	ND	
D8-THC	ND	ND	
exo-THC	ND	ND	
Total	0.93	8.43	0% Cannabinoids (wt%) 0.8%
Max THC	0.03	0.26	
Max CBD	0.79	7.19	

**Ratio of Total CBD to THC 27.6:1**

Limit of Quantitation (LOQ) = 0.01 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:  $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$ . 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 half of LOQ.

**MB1: Microbiological Contaminants [WI-10-09]**

Analyst: MJC

Test Date: 10/2/2019

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**66095-MB1**

Symbol	Analysis	Results	Units	Limits*	Status
AC	Total Aerobic Bacterial Count	<100	CFU/g	100,000 CFU/g	PASS
CC	Total Coliform Bacterial Count	<100	CFU/g	1,000 CFU/g	PASS
EB	Total Bile Tolerant Gram Negative Count	<100	CFU/g	1,000 CFU/g	PASS
YM	Total Yeast & Mold	<100	CFU/g	10,000 CFU/g	PASS

Note: All recorded Microbiological tests are within the established limits.

**MB2: Pathogenic Bacterial Contaminants [WI-10-10]**

Analyst: LabAdmin

Test Date: 10/3/2019

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**66095-MB2**

Test ID	Analysis	Results	Units	Limits*	Status
66095-ECPT	E. coli (O157)	Negative	NA	Non Detected	PASS
66095-SPT	Salmonella	Negative	NA	Non Detected	PASS

Note: All recorded pathogenic bacteria tests passed.

**MY: Mycotoxin Testing [WI-10-05]**

Analyst: CJB

Test Date: 10/3/2019

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**66095-MY**

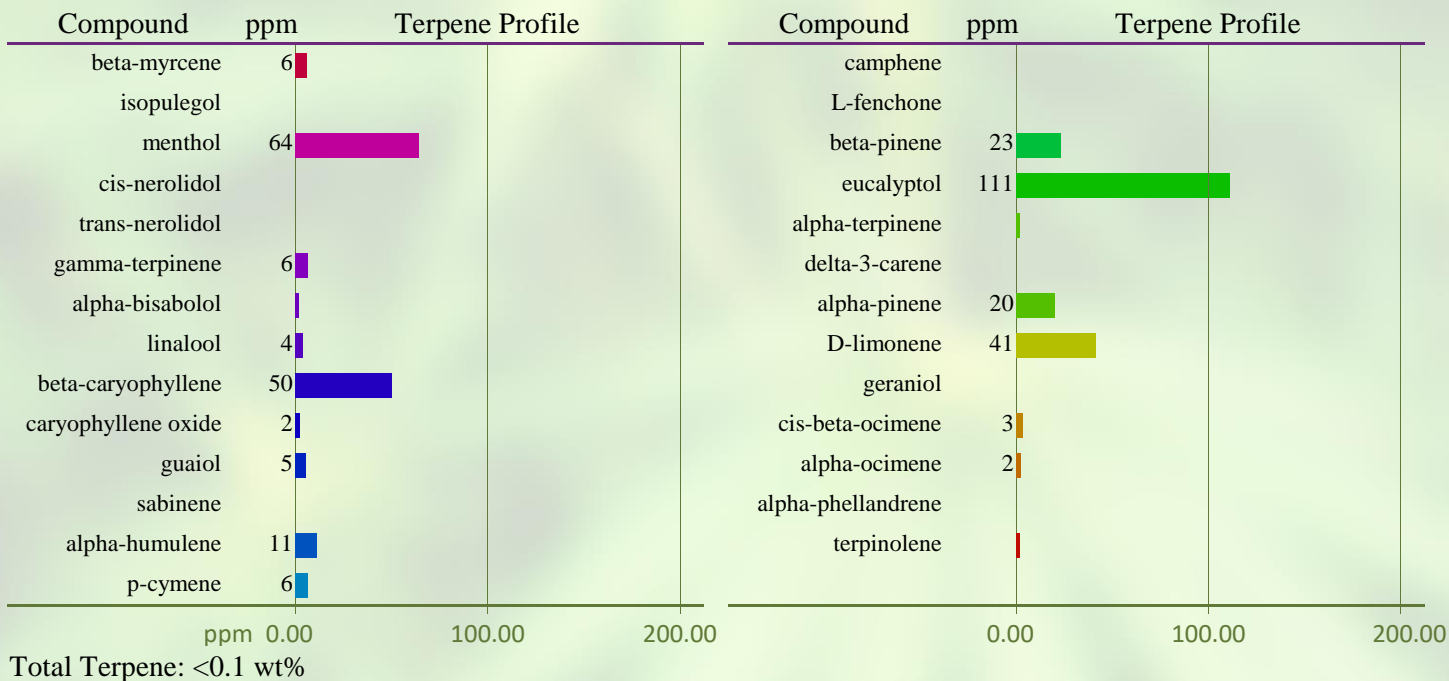
Test ID	Date	Results	MDL	Limits	Status*
Total Aflatoxin	10/3/2019	< MDL	2 ppb	< 20 ppb	PASS
Total Ochratoxin	10/3/2019	< MDL	3 ppb	< 20 ppb	PASS

**TP: Terpenes Profile [WI-10-27]**

Analyst: CMA

Test Date: 10/3/2019

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations. All values are semiquantitative estimates based on recorded peak areas relative to terpene calibration data.

**66095-TP****END OF REPORT**