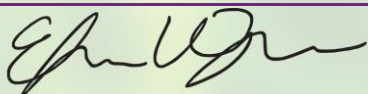


Certificate ID: **63793**
 Received: **9/9/19**
 Client Sample ID: **NHO - Topical Relief Cream**
 Lot Number: **M40819**
 Matrix: **Topicals - Lotion**

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		9/16/2019



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: **LG** Test Date: **9/13/2019**

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.

63793-CN

ID	Weight %	Concentration (mg/g)	
D9-THC	0.03	0.35	
THCV	ND	ND	
CBD	0.86	8.58	
CBDV	0.01	0.13	
CBG	0.02	0.15	
CBC	0.10	0.96	
CBN	ND	ND	
THCA	ND	ND	
CBDA	<0.01	<LOQ	
CBGA	ND	ND	
D8-THC	ND	ND	
exo-THC	ND	ND	
Total	1.02	10.22	0% Cannabinoids (wt%) 0.9%
Max THC	0.03	0.35	
Max CBD	0.86	8.62	

Ratio of Total CBD to THC 25.0:1

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: 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 half of LOQ.

MB1: Microbiological Contaminants [WI-10-09]*Analyst: MM**Test Date: 9/11/2019*

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.

63793-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.

END OF REPORT