




Certificate ID: **108478**  
 Client Sample ID: **zcannsport**  
 Lot Number: **2111-4**  
 Matrix: **Topicals - Lotion**

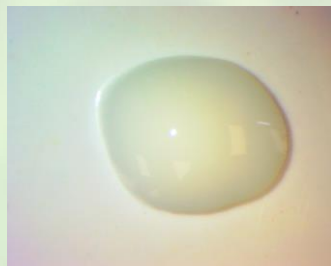
Received: **8/22/22**

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**H3Organics**  
**201 Walnut Avenue**  
**Cranford, NJ**

Authorization: Andrew Aubin, Lab Director	Signature: 	Date: 8/26/2022
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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: AC

Test Date: 8/23/2022

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.

**108478-CN**

ID	Weight %	Concentration (mg/g)			
<b>Δ9-THC</b>	ND	ND			
THCV	ND	ND			
CBD	0.845	8.45			
CBDV	<LOQ	<LOQ			
CBG	ND	ND			
CBC	ND	ND			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
CBDVA	ND	ND			
<b>Δ8-THC</b>	ND	ND			
<b>exo-THC</b>	ND	ND			
Total	0.845	8.45	0%	Cannabinoids (wt%)	0.845%
Max THC	ND	ND		Limit of Quantitation (LOQ) = 0.0093 wt%	
Max CBD	0.845	8.45		Limit of Detection (LOD) = 0.0031 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 Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

**EA: Elemental Analysis [WI-10-13]**

Analyst: ZDV

Test Date: 8/23/2022

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**108478-EA**

Symbol	Metal	Conc. <sup>1</sup> (µg/kg)	RL (µg/kg)	Limits <sup>2</sup> (µg/kg)	Status
Al	Aluminum	1,860	50	-	
As	Arsenic	ND	50	15,000	PASS
Cd	Cadmium	ND	50	5,000	PASS
Ca	Calcium	ND	500	-	
Cr	Chromium	101	50	45,000	PASS
Co	Cobalt	ND	50	-	
Cu	Copper	7,340	50	3,100,000	PASS
Fe	Iron	171	50	-	
Pb	Lead	ND	50	400,000	PASS
Mg	Magnesium	1,420	50	-	
Mn	Manganese	521	50	-	
Hg	Mercury	ND	50	9,400	PASS
Ni	Nickel	ND	50	1,500,000	PASS
P	Phosphorus	5,710	500	-	
K	Potassium	ND	500	-	
Se	Selenium	ND	50	-	
Ag	Silver	ND	50	-	
S	Sulfur	92,900	500	-	
Sn	Tin	ND	500	-	
Zn	Zinc	ND	50	15,000,000	PASS

1) ND = None detected to the Limit of Detection (LOD)

2) USP recommended limits for elemental analysis.

**END OF REPORT**