



Certificate ID: **116758**

Received: **7/6/23**

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**Royal Labs Natural Cosmetics Inc**

Client Sample ID: **Naternal Defend CBD Salve**

**2671 Fort Trenholm Road**

Lot Number: **23097 Sample 1A**

**Johns Island, SC 29455**

Matrix: **Topicals-Salve**



Authorization: Andrew Aubin, Lab Director	Signature: 	Date: 7/11/2023
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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: *SD*

Test Date: *7/10/2023*

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.

**116758-CN**

ID	Weight %	Concentration (mg/g)		
<b>Δ9-THC</b>	<b>&lt;LOQ</b>	<b>&lt;LOQ</b>		
THCV	ND	ND		
CBD	4.64	46.4		
CBDV	0.0242	0.242		
CBG	<LOQ	<LOQ		
CBC	<LOQ	<LOQ		
CBN	ND	ND		
THCA	ND	ND		
CBDA	ND	ND		
CBGA	ND	ND		
CBDVA	ND	ND		
<b>Δ8-THC</b>	<b>ND</b>	<b>ND</b>		
<b>exo-THC</b>	<b>ND</b>	<b>ND</b>		
Total	4.66	46.6	0%	Cannabinoids (wt%) 4.64%
Total THC	<LOQ	<LOQ		Limit of Quantitation (LOQ) = 0.0102 wt%
Total CBD	4.64	46.4		Limit of Detection (LOD) = 0.00340 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:  $MAX\ THC = (0.877 \times THCA) + THC$ . 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.

**END OF REPORT**