

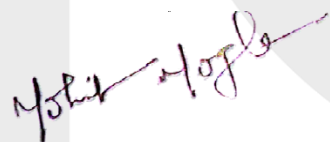
Sample Type: Pre-Roll  
Client Batch: Lot 240006.5  
Product Name: Mac OG  
Job No': Job\_0000601  
Sample No': 5143  
Received Date: 02/01/2024  
Report Date: 02/08/2024  
Login Date: 02/01/2024

Reported to: Rosebud Productions Inc  
**Attn:** Madeleine Gwynne  
madeline@herbaldispatch.com

115-23000 Fraserwood way  
Richmond, BC. V6V3C7  
SOW#: NS\_SOW-000460

### Safety Analysis - Summary

Heavy Metals:  **PASS**    Microbiology:  **PASS**



**Head of Laboratory, Mohit Mogla**

**02/08/2024**

**Date Approved**



**Northern Scientific Inc**

Quality Through Science  
Confidential Cannabis Analysis  
All Rights Reserved

mmogla@northernscientific.ca  
info@northernscientific.ca  
<https://www.northernscientific.ca>

## CANNABINOID

Analyte	LOQ (%)	Result (%wt/wt)	Result (mg/g)	Analyte	LOQ (%)	Result (%wt/wt)	Result (mg/g)
Cannabidiolic acid (CBDA)	0.10	< 0.10	<1.0	Tetrahydrocannabinolic acid (THCA)	0.10	21.10	211.0
Cannabidiol (CBD)	0.10	< 0.10	<1.0	Delta-9-tetrahydrocannabinol (D9-THC)	0.10	1.95	19.5
Total CBD	0.10	< 0.10	<1.0	Total THC	0.10	20.45	204.5
CBN	0.10	< 0.10	<1.0				

Cannabinoids are analyzed using a method (SOP#CA005) with HPLC-UV instrument

Total THC = THC + (THCA \*0.877)

Total CBD = CBD + (CBDA\* 0.877)

Abbreviations: LOQ = Limit of Quantification

## HEAVY METALS

Analyte	RL (ug/g)	Spec*. (ug/g)	Result(ug/g)
Arsenic (As)	0.200	<0.200	<0.200
Cadmium (Cd)	0.200	<0.300	<0.200
Mercury (Hg)	0.100	<0.100	<0.100
Lead (Pb)	0.500	<0.500	<0.500

Heavy metals are analyzed using a method (SOP#CA001) with ICP-MS Instrument.

Abbreviations: RL = Reporting Limit, Spec\* = Specification (USP<232>)

## MICROBIAL ANALYSIS

Microbial Analysis	Method	Specification <sup>a</sup>	Result	Pass/Fail
Total Yeasts and Molds Count <sup>b</sup>	USP <2023	<1,000 CFU/g or CFU/mL	<10 CFU/g	Pass
Total Aerobic Microbial Count <sup>b</sup>	USP <2023	<100,000 CFU/g or CFU/mL	<10 CFU/g	Pass
Bile-Tolerant Gram-Negative Bacteria <sup>b</sup>	USP <2023	<1,000 CFU/g or CFU/mL	<10 CFU/g	Pass
<i>Escherichia coli</i>	USP <2023	Absence in 10g or 10mL	Absent in 10g	Pass
<i>Salmonella</i> spp.	USP <2023	Absence in 10g or 10mL	Absent in 10g	Pass

<sup>a</sup> USP <2023> Specifications for Dried or Powdered Botanicals.

<sup>b</sup> LOD = 10 CFU/g; LOQ = 50 CFU/g

Abbreviations: CFU = Colony Forming Units; LOD = Limit of Detection; LOQ = Limit of Quantification; USP = United States Pharmacopeia.

This report is considered highly confidential and shall not be reproduced in whole or in part, nor may it be used by anyone other than the recipient without the prior written consent and approval of Northern Scientific Inc. Northern Scientific will not discuss any part of this report with personnel other than those authorized by the client. The results in this report only apply to the samples analyzed in accordance with the Chain of Custody document. Northern Scientific makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein.

Please note that any regulatory guidelines applied to this report are added based on client request. Northern Scientific holds no responsibility for the use of those guidelines to make any decisions.