

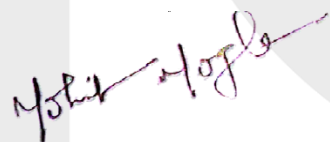
Sample Type: **Pre-Roll**
Client Batch: **230209.BB**
Product Name: **Mango Gold (Ambassador) Hemp**
Job No': **Job_0000527**
Sample No': **5043**
Received Date: **01/11/2024**
Report Date: **01/17/2024**
Login Date: **01/11/2024**

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

115-23000 Fraserwood way
Richmond, BC. V6V3C7
SOW#: NS_SOW-000397

Safety Analysis - Summary

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



Head of Laboratory, Mohit Mogla

01/17/2024

Date Approved



Northern Scientific Inc

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CANNABINOID

Analyte	LOQ (%)	Result (%wt/wt)	Result (mg/g)	Analyte	LOQ (%)	Result (%wt/wt)	Result (mg/g)
Cannabidiolic acid (CBDA)	0.10	11.04	110.4	Tetrahydrocannabinolic acid (THCA)	0.10	0.36	3.6
Cannabidiol (CBD)	0.10	< 0.10	<1.0	Delta-9-tetrahydrocannabinol (D9-THC)	0.10	< 0.10	<1.0
Total CBD	0.10	9.68	96.8	Total THC	0.10	0.32	3.2
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 ^a	Result	Pass/Fail
Total Yeasts and Molds Count ^b	USP <2023	<1,000 CFU/g or CFU/mL	<50 CFU/g	Pass
Total Aerobic Microbial Count ^b	USP <2023	<100,000 CFU/g or CFU/mL	<10 CFU/g	Pass
Bile-Tolerant Gram-Negative Bacteria ^b	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

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

^b 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.

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