

CERTIFICATE OF ANALYSIS

STATUS: RELEASED REVISION: 01
DATE: 01/20/2023

 Analysis ID No.
 230138

 TDA License No.
 2020002

 ISO/IEC No.
 1055838

 Purchase Order:
 20230033

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SAMPLE INFORMATION		
Submitted Sample Name:		
OMPS Red Vein Maeng Da		
Submitted Sample Lot:		
N/A		
Submitted Sample Description:		
Green Powder in Retail Packaging; Stored at RT		
Submitted Sample Product Type / Matrix:		
Kratom Powder / Plant Matter		

MICROBIOLOGICAL ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Total Aerobic Plate Count (TAPC)	Isolation Agar	20 CFU/gm	NMT 10,000,000 CFU/gm	< LOQ	PASS
Total Yeast & Mold (TYM)	Isolation Agar	20 CFU/gm	NMT 100,000 CFU/gm	< LOQ	PASS
Coliforms	Isolation Agar	20 CFU/gm	NMT 10,000 CFU/gm	< LOQ	PASS
Escherichia coli (E.coli)	Isolation Agar	1 CFU/10 gm	Absent in 10 gm	Absent	PASS
Salmonella	Isolation Agar	1 CFU/25 gm	Absent in 25 gm	Absent	PASS

HEAVY METALS ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Lead	USP <232> <233> by ICP-MS	10 ppb	NMT 1000 ppb	860.7 ppb	PASS
Mercury	USP <232> <233> by ICP-MS	5 ppb	NMT 500 ppb	16.1 ppb	PASS
Arsenic	USP <232> <233> by ICP-MS	10 ppb	NMT 1500 ppb	244.3 ppb	PASS
Cadmium	USP <232> <233> by ICP-MS	10 ppb	NMT 300 ppb	20.7 ppb	PASS
Nickel	USP <232> <233> by ICP-MS	50 ppb	NMT 200,000 ppb	2,051.5 ppb	PASS

TESTING FACILITY INFORMATION	SAMPLE INFORMATION	
Santé Laboratories	Santé Sample ID: 230138	
8201 East Riverside Drive, STE 650	Receipt Date: 01/16/2023 / 09:30 AM CST / K. Cobbett	
Austin, Texas 78744 USA	Receipt Condition: Good Analysis Start Date: 01/16/2023	

ADDITIONAL REPORT NOTES

The reported results presented in this document is only applicable to samples submitted to Santé Laboratories for testing and may not represent the entire lot and/or batch produced by the manufacturer. Heavy metal specifications according to limits defined by Texas DSHS for consumable hemp. Nickel specification according to oral drug products per USP <232>. Microbiological specifications follow AHPA guidelines for botanical ingredients (non-extract).

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VERSION HISTORY				
Version Effective Date Summary of Changes				
00	01/20/2023	Initial Release		
01	01/20/2023	Separation Of Microbiological Assay and Heavy Metals Assay		



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PRODUCT SAMPLE / IMAGE



REVIEWED AND APPROVED BY

U. ON M. a. J. a. v.4

20 January 2023 | 2:10:05 PM PST

Yvonne Rivera E49DDA845186484...

Data Management Specialist Santé Laboratories Date