



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00
DATE: 05/31/2024

Analysis ID No. 240800
TDA License No. 2020002
ISO/IEC No. 1055838
Purchase Order: 20240199
Page No. Page 1 of 2

SAMPLE INFORMATION
Submitted Sample Name:
OPMS Silver Red Vein Maeng Da Kratom Powder
Submitted Sample Lot:
N/A
Submitted Sample Description:
Brown Powder in Retail Packaging; Stored at RT
Submitted Sample Product Type / Matrix:
Kratom Leaf / Powder

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 10 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 1,000 ppb	504.5 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 1,500 ppb	359.0 ppb	PASS
Cadmium	USP <232> <233> by ICP-MS	10 ppb	NMT 300 ppb	43.3 ppb	PASS
Nickel	USP <232> <233> by ICP-MS	50 ppb	NMT 20,000 ppb	3,483.1 ppb	PASS

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 240800 Receipt Date: 05/29/2024 / 01:00 PM CST / C. Vaccaro Receipt Condition: Good Analysis Start Date: 05/30/2024

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 extract. ©2020 Santé Laboratories, LLC – All Rights Reserved

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	05/31/2024	Initial Release



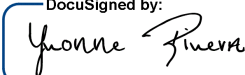
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Page No. Page 2 of 2



REVIEWED AND APPROVED BY

DocuSigned by:

Yvonne Rivera
Data Management Specialist
Santé Laboratories, a Disruption Labs Company

31 May 2024 | 3:18:15 PM PDT
Date