

CUSTOMER INFORMATION	SAMPLE INFORMATION
Company Name:	Submitted Sample Name:
	Kratom Spot, Maeng Da, Loose Leaf Powder, 2oz
Address:	Submitted Sample Lot:
	00568
Phone Number:	Submitted Sample Description:
	Crushed Leaf in White Mylar Pouch; Stored at Room Temp
Contact Name / Email:	Submitted Sample Product Type / Matrix:
	Kratom Powder / Crushed Leaf

ALKALOIDS ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	1.486 w/w% 14.862 mg/g	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.282 w/w% 2.824 mg/g	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.212 w/w% 2.124 mg/g	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.366 w/w% 3.662 mg/g	Results Reported
7-OH-Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only % Total Alkaloids: NMT 2%	< 0.01 w/w%	PASS
Mitraphylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	< 0.01 w/w%	Results Reported
Isorhynchophylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	< 0.01 w/w%	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.063 w/w% 0.634 mg/g	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	2.411 w/w% 24.106 mg/g	Results Reported

HEAVY METALS					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Lead	USP <232> <233> by ICP-MS	10 ppb	NMT 1,000 ppb	446.6 ppb	PASS
Mercury	USP <232> <233> by ICP-MS	5 ppb	NMT 500 ppb	15.8 ppb	PASS
Cadmium	USP <232> <233> by ICP-MS	10 ppb	NMT 300 ppb	24.9 ppb	PASS
Arsenic	USP <232> <233> by ICP-MS	10 ppb	NMT 1,500 ppb	179.5 ppb	PASS
Nickel	USP <232> <233> by ICP-MS	10 ppb	NMT 200,000 ppb	1,881.4 ppb	PASS

CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00
DATE: 11/06/2021

Analysis ID No. 214010
TDA License No. 2020002
ISO/IEC No. 1055838
Purchase Order: 20210935
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TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 214010 Receipt Date: 10/21/2021 / 01:03 PM CST / M. Cardona Receipt Condition: Good Analysis Start Date: 10/22/2021

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>.**
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VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	11/06/2021	Initial Release

REVIEWED AND APPROVED BY

DocuSigned by:
Brian Sloat
1DA7685D65C740B

Brian Sloat, Ph.D.
Chief Scientific Officer / Quality Manager
Santé Laboratories

06 November 2021 | 4:03:03 PM PDT
Date DD-MM-YY

