[redacted]

CERTIFICATE OF ANALYSIS

STATUS: RELEASED **REVISION:** 00
DATE: 09/29/2023

Analysis ID No. [redacted]
TDA License No.
ISO/IEC No.
Purchase Order:
Page No. Page 1 of 2

CUSTOMER INFORMATION	SAMPLE INFORMATION
Client Name:	**Submitted Sample Name:**
[redacted]	DW/SK
Address:	**Submitted Sample Lot:**
[redacted]	N/A
Phone Number:	**Submitted Sample Description:**
[redacted]	[redacted]; Stored at Room Temp
Contact Name / Email:	**Submitted Sample Product Type / Matrix:**
[redacted]	Kratom Leaf Powder / Plant Matter

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	1.535 w/w% 15.353 mg/g	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.264 w/w% 2.635 mg/g	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.261 w/w% 2.606 mg/g	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.326 w/w% 3.255 mg/g	Results Reported
7-OH-Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only % of Total Alkaloids: NMT 2%	< 0.010 w/w%	PASS
Mitraphylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	< 0.010 w/w%	Results Reported
Isorhynchophylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	< 0.010 w/w%	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	< 0.010 w/w%	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	2.385 w/w% 23.850 mg/g	Results Reported

HEAVY METALS ASSAY

Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Lead	USP <232> <233> by ICP-MS	10 ppb	NMT 1000 ppb	605.7 ppb	PASS
Mercury	USP <232> <233> by ICP-MS	5 ppb	NMT 500 ppb	16.0 ppb	PASS
Arsenic	USP <232> <233> by ICP-MS	10 ppb	NMT 1500 ppb	185.3 ppb	PASS
Cadmium	USP <232> <233> by ICP-MS	10 ppb	NMT 300 ppb	22.4 ppb	PASS
Nickel	USP <232> <233> by ICP-MS	50 ppb	NMT 20,000 ppb	3,205.1 ppb	PASS

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