

**CERTIFICATE OF ANALYSIS**STATUS: **RELEASED** REVISION: 00

DATE: 04/03/2024

Analysis ID No. 224143

TDA License No. 202202

ISO/IEC No. 1055870

Purchase Order: 20220963

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CUSTOMER INFORMATION	SAMPLE INFORMATION
<b>Company Name:</b>	<b>Submitted Sample Name:</b>
ADH Deal s.r.o.	Kratom Leaf Powder, 150g
<b>Address:</b>	<b>Submitted Sample Lot:</b>
Podzimní 653/22, Maloměřice	USF032022-3
<b>Phone Number:</b>	<b>Submitted Sample Description:</b>
+420 778 599 802	Red and Gold Nano Kratom in Transparent clip Pouch; Stored at Room Temp
<b>Contact Name / Email:</b>	<b>Submitted Sample Product Type / Matrix:</b>
info@divine-nature.cz	Kratom Powder / Plant Matter

CUSTOMER INFORMATION	SUBMITTED SAMPLE DESCRIPTION	SAMPLE INFORMATION
NANO RED KRATOM		NANO GOLD KRATOM

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	1,9 w/w% 15.723 mg/g	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.270 w/w% 2.701 mg/g	Results Reported
Speciognine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.215 w/w% 2.153 mg/g	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.458 w/w% 4.581 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%	1,9 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	0.034 w/w% 0.341 mg/g	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.042 w/w% 0.424 mg/g	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	2.612 w/w% 26.124 mg/g	Results Reported

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	88,000 CFU/gm	PASS
Total Yeast & Mold (TYM)	Isolation Agar	20 CFU/gm	NMT 100,000 CFU/gm	1,883 CFU/gm	PASS
Coliforms	Isolation Agar	20 CFU/gm	NMT 10,000 CFU/gm	880 CFU/gm	PASS
Esherichia 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

Santé Laboratories, LLC - 8201 East Riverside Drive, STE 650, Austin, Texas 78744 USA

Email: [Testing@santelabs.com](mailto:Testing@santelabs.com) - Telephone: 512-309-5830 - Website: [www.santelabs.com](http://www.santelabs.com)

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HEAVY METALS					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Lead	USP <232> <233> by ICP-MS	10 ppb	NMT 1,000 ppb	375.3 ppb	PASS
Mercury	USP <232> <233> by ICP-MS	5 ppb	NMT 500 ppb	17.2 ppb	PASS
Cadmium	USP <232> <233> by ICP-MS	10 ppb	NMT 300 ppb	31.0 ppb	PASS
Arsenic	USP <232> <233> by ICP-MS	10 ppb	NMT 1,500 ppb	266.7 ppb	PASS
Nickel	USP <232> <233> by ICP-MS	10 ppb	NMT 200,000 ppb	2,814.5 ppb	PASS

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
<b>Santé Laboratories</b> 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	<b>Santé Sample ID:</b> 224143 <b>Receipt Date:</b> 26/02/2024 / 09:20 AM CST / M Cardona <b>Receipt Condition:</b> Good <b>Analysis Start Date:</b> 26/02/2024

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. <b>Heavy metal specifications according to limits defined by Texas DSHS for consumable hemp. Nickel and Chromium specification according to oral drug products per USP &lt;232&gt;. Microbiological limits according to specifications defined by AHPA for botanical ingredients (non-extract).</b> ©2020 Santé Laboratories, LLC ' All Rights Reserved

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	04/03/2024	Initial Release

REVIEWED AND APPROVED BY
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <p>DocuSigned by:</p>  <p><b>Brian Sloat</b></p> <p>10A7885085C748B...</p> </div> <div style="text-align: right;"> <p>04/03/2024   3:20:55 PM PDT DD-MM-YY</p> </div> </div> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p><b>Brian Sloat, Ph.D.</b></p> <p>Chief Scientific Officer / Quality Manager Santé Laboratories</p> </div> <div style="text-align: right;"> <p>Date</p> </div> </div>

PRODUCT SAMPLE / IMAGE
 

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