



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 08/10/2023

Analysis ID No. 232315
 TDA License No. 2020002
 ISO/IEC No. 1055838
 Purchase Order: 20230563
 Page No. Page 1 of 2

CUSTOMER INFORMATION	SAMPLE INFORMATION
Client Name: Arvida Labs LLC	Submitted Sample Name: Relif Green Vein
Address: 1291 NW 65 TH PI Suite B, Fort Lauderdale, FL 33309	Submitted Sample Lot: 23135411263618
Phone Number: 305-330-8280	Submitted Sample Description: Green Gummies in Retail Package; Stored at RT
Contact Name / Email: Nikola Veskovc / nikola@arvidalabs.com	Submitted Sample Product Type / Matrix: Kratom Edible / Gummy

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 mg/unit: Report Only*	0.462 w/w% 4.621 mg/g 23.627 mg/unit	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	0.048 w/w% 0.483 mg/g 2.469 mg/unit	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	0.033 w/w% 0.326 mg/g 1.668 mg/unit	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	0.043 w/w% 0.428 mg/g 2.187 mg/unit	Results Reported
7-OH-Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: 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 mg/unit: Report Only*	< 0.010 w/w%	Results Reported
Isorhynchophylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	< 0.010 w/w%	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	< 0.010 w/w%	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	0.586 w/w% 5.858 mg/g 29.951 mg/unit	Results Reported

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	18.9 ppb	PASS
Mercury	USP <232> <233> by ICP-MS	5 ppb	NMT 500 ppb	< LOQ	PASS
Arsenic	USP <232> <233> by ICP-MS	10 ppb	NMT 1,500 ppb	< LOQ	PASS
Cadmium	USP <232> <233> by ICP-MS	10 ppb	NMT 300 ppb	< LOQ	PASS
Nickel	USP <232> <233> by ICP-MS	50 ppb	NMT 20,000 ppb	< LOQ	PASS

Santé Laboratories, LLC - 8201 East Riverside Drive, STE 650, Austin, Texas 78744 USA
 Email: Testing@santelabs.com - Telephone: 512-309-5830 - Website: www.santelabs.com

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TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 232315 Receipt Date: 07/28/2023 / 02:40 PM CST / P. Steinberg Receipt Condition: Good Analysis Start Date: 07/31/2023

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 limits according to specifications defined by AHPA for botanical extracts. * Unit Weight: 5.113 grams, this is based on the average of three (3) unit weights.**

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VERSION HISTORY

Version	Effective Date	Summary of Changes
00	08/10/2023	Initial Release

PRODUCT SAMPLE / IMAGE



REVIEWED AND APPROVED BY

DocuSigned by:  Yvonne Rivera Data Management Specialist Santé Laboratories	10 August 2023 9:36:48 AM PDT Date
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