



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 12/04/2023

Analysis ID No. 215781
TDA License No. 2020002
ISO/IEC No. 1055838
Purchase Order: 20211274
Page No. Page 1 of 2

CUSTOMER INFORMATION	SAMPLE INFORMATION
Company Name:	Submitted Sample Name:
Unowhatsup.com	Blaze Kratom GREEN Energy Tincture
Address:	Submitted Sample Lot:
211 S. College Blvd. Anaheim, CA 92806	Not Provided
Phone Number:	Submitted Sample Description:
714-987-2610	Extract Beverage in Sealed, Retail Bottle; Stored at Rm Temp
Contact Name / Email:	Submitted Sample Product Type / Matrix:
Stephanie G. / admin@unowhatsup.com	Kratom Extract / Beverage

LABEL CLAIM					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Total Detectable Alkaloids	UHPLC-DAD	0.01 w/w%	mg/mL: Report Only* mg/unit: Report Only** Target: 1,500 mg/unit	49.997 mg/mL 1,499.91 mg/unit	Results Report
Total Detectable Alkaloids	UHPLC-DAD	0.01 w/w%	% Label Claim: 90.0 to 110.0% Target: 100%	100.0%	PASS

*Density = 1.089 grams/mL; **Unit Volume = 30 mL

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/mL: Report Only*	3.332 w/w% 30.600 mg/g 33.322 mg/mL	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.464 w/w% 4.640 mg/g 5.045 mg/mL	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.357 w/w% 3.570 mg/g 3.887 mg/mL	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.663 w/w% 6.630 mg/g 7.210 mg/mL	Results Reported
7-OH-Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only* % Total Alkaloids: NMT 2%	0.011 w/w% 0.110 mg/g 0.118 mg/mL	PASS
Mitraphylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	< 0.01 mg/ml	Results Reported
Isorhynchophylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.013 w/w% 0.130 mg/g 0.140 mg/mL	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.026 w/w% 0.260 mg/g 0.275 mg/mL	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	4.591 w/w% 45.911 mg/g 49.997 mg/mL	Results Reported

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Page No. Page 2 of 2

MICROBIOLOGICAL ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Total Aerobic Plate Count (TAPC)	Isolation Agar	20 CFU/gm	NMT 10,000 CFU/gm	< LOQ	PASS
Total Yeast & Mold (TYM)	Isolation Agar	20 CFU/gm	NMT 1,000 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/10 gm	Absent in 10 gm	Absent	PASS

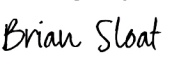
HEAVY METALS					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Lead	USP <232> <233> by ICP-MS	10 ppb	NMT 1,000 ppb	< LOQ	PASS
Mercury	USP <232> <233> by ICP-MS	5 ppb	NMT 500 ppb	< LOQ	PASS
Cadmium	USP <232> <233> by ICP-MS	10 ppb	NMT 300 ppb	< LOQ	PASS
Arsenic	USP <232> <233> by ICP-MS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

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 215781 Receipt Date: 11/17/2023 / 11:08 AM CST / M Cardona Receipt Condition: Good Analysis Start Date: 11/27/2023

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 specifications follow AHPA guidelines for botanical extracts. ©2020 Santé Laboratories, LLC – All Rights Reserved

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	12/04/2023	Initial Release

PRODUCT SAMPLE / IMAGE


REVIEWED AND APPROVED BY	
DocuSigned by:  1DA7685D85C740B... Brian Sloat, Ph.D. Chief Scientific Officer / Quality Manager Santé Laboratories	04 December 2023 2:13:21 PM PST Date DD-MM-YY

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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CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 12/04/2023

Analysis ID No. 215780
TDA License No. 2020002
ISO/IEC No. 1055838
Purchase Order: 20211274
Page No. Page 1 of 2

CUSTOMER INFORMATION	SAMPLE INFORMATION
Company Name:	Submitted Sample Name:
Unowhatsup.com	Blaze Kratom RED Relaxed Tincture
Address:	Submitted Sample Lot:
211 S. College Blvd. Anaheim, CA 92806	Not Provided
Phone Number:	Submitted Sample Description:
714-987-2610	Extract Beverage in Sealed, Retail Bottle; Stored at Rm Temp
Contact Name / Email:	Submitted Sample Product Type / Matrix:
Stephanie G. / admin@unowhatsup.com	Kratom Extract / Beverage

LABEL CLAIM					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Total Detectable Alkaloids	UHPLC-DAD	0.01 w/w%	mg/mL: Report Only* mg/unit: Report Only** Target: 1,500 mg/unit	49.965 mg/mL 1,498.95 mg/unit	Results Report
Total Detectable Alkaloids	UHPLC-DAD	0.01 w/w%	% Label Claim: 90.0 to 110.0% Target: 100%	99.9%	PASS
*Density = 1.089 grams/mL; **Unit Volume = 30 mL					

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/mL: Report Only*	2.995 w/w% 29.950 mg/g 32.605 mg/mL	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.469 w/w% 4.690 mg/g 5.104 mg/mL	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.380 w/w% 3.800 mg/g 4.130 mg/mL	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.695 w/w% 6.950 mg/g 7.560 mg/mL	Results Reported
7-OH-Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only* % Total Alkaloids: NMT 2%	0.012 w/w% 0.120 mg/g 0.125 mg/mL	PASS
Mitraphylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	<0.01 w/w%	Results Reported
Isorhynchophylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.014 w/w% 0.140 mg/g 0.152 mg/mL	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	0.032w/w% 0.320 mg/g 0.289 mg/mL	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/mL: Report Only*	4.588 w/w% 45.882 mg/g 49.965 mg/mL	Results Reported

CERTIFICATE OF ANALYSISSTATUS: **RELEASED** REVISION: 00

DATE: 12/04/2023

Analysis ID No. 215780
TDA License No. 2020002
ISO/IEC No. 1055838
Purchase Order: 20211274
Page No. Page 2 of 2

MICROBIOLOGICAL ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Total Aerobic Plate Count (TAPC)	Isolation Agar	20 CFU/gm	NMT 10,000 CFU/gm	< LOQ	PASS
Total Yeast & Mold (TYM)	Isolation Agar	20 CFU/gm	NMT 1,000 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/10 gm	Absent in 10 gm	Absent	PASS

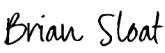
HEAVY METALS					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Lead	USP <232> <233> by ICP-MS	10 ppb	NMT 1,000 ppb	< LOQ	PASS
Mercury	USP <232> <233> by ICP-MS	5 ppb	NMT 500 ppb	< LOQ	PASS
Cadmium	USP <232> <233> by ICP-MS	10 ppb	NMT 300 ppb	< LOQ	PASS
Arsenic	USP <232> <233> by ICP-MS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

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 215780 Receipt Date: 11/17/2023 / 9:43 AM CST / M Cardona Receipt Condition: Good Analysis Start Date: 11/27/2023

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 specifications follow AHPA guidelines for botanical extracts. ©2020 Santé Laboratories, LLC – All Rights Reserved

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	12/04/2023	Initial Release

PRODUCT SAMPLE / IMAGE


REVIEWED AND APPROVED BY	
DocuSigned by:  1DA7685DB5C740B... Brian Sloat, Ph.D. Chief Scientific Officer / Quality Manager Santé Laboratories	04 December 2023 11:13:11 AM PST DD-MM-YY Date