

CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 300

SAMPLE CODE: DTS-240731-038

CLIENT: SOMA KRATOM

BATCH RESULT: PASS



1230 Woodmere Ave
Traverse City, MI 49686
231.252.3669
cambiumanalytica.com
License #:

MATRIX NAME: Edible Liquid - Emulsion

SAMPLE TYPE: Quality Assurance

RECEIVED DATE: Thu, Aug 1, 2024

PUBLISHED DATE: Tue, Aug 6, 2024

BATCH/LOT CODE: A08243-1

BATCH SIZE: 408L

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.5295g (Density
(1.0353 g/mL) x 15mL package. 6
servings/package)

TOTAL MAJOR ALKALOIDS 62.73 mg/ serv

TOTAL MINOR ALKALOIDS 0.13 mg/ serv

MITRAGYNINE 58.56 mg/ serv



ALKU



Kratom Alkaloids
High Level

ALKL



Kratom Alkaloids
Low Level

SS



Salmonella & STEC
qPCR

HVMET



Heavy Metals
4

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Tuesday, Aug 6, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tuesday, Aug 6, 2024

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.



ALKU KRATOM ALKALOIDS - HIGH LEVEL LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD ALKU-DTS-240731-038-01 - WED, JUL 31, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.263 %	22.626 mg/g	58.56 mg	351.37 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.090 %	0.904 mg/g	2.34 mg	14.04 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.050 %	0.501 mg/g	1.30 mg	7.78 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.020 %	0.204 mg/g	0.53 mg	3.17 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.423 %	24.235 mg/g	62.73 mg	376.36 mg	N/A			N/A

ALKL KRATOM ALKALOIDS - LOW LEVEL LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ ALKL-DTS-240731-038-01 - WED, JUL 31, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0050 %	0.0504 mg/g	0.13 mg	0.78 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Mitraphylline	ND	ND	ND	ND	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Total Minor Alkaloids	0.0050 %	0.0504 mg/g	0.13 mg	0.78 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A



SS SALMONELLA & STEC- QPCR LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR SS-DTS-240731-038-01 - WED, JUL 31, 2024								
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS			
Salmonella Spp	ND	N/A			N/A			
Shiga Toxin Producing E. coli	ND	N/A			N/A			



HVMET HEAVY METALS - 4 LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS HVMET-DTS-240731-038-01 - WED, JUL 31, 2024								
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS			
Arsenic	ND	N/A	0.282 ug/kg	0.282 ug/kg	N/A			
Cadmium	ND	N/A	0.627 ug/kg	2.091 ug/kg	N/A			
Lead	0.018 ug/g	N/A	0.155 ug/kg	0.515 ug/kg	N/A			
Mercury	ND	N/A	0.082 ug/kg	0.272 ug/kg	N/A			



CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 200

SAMPLE CODE: DTS-240731-039

CLIENT: SOMA KRATOM

BATCH RESULT: PASS



1230 Woodmere Ave
Traverse City, MI 49686
231.252.3669
cambiumanalytica.com
License #:

MATRIX NAME: Edible Liquid - Emulsion

SAMPLE TYPE: Quality Assurance

RECEIVED DATE: Thu, Aug 1, 2024

PUBLISHED DATE: Tue, Aug 6, 2024

BATCH/LOT CODE: A08242-1

BATCH SIZE: 136.08L

SAMPLE SIZE: 1U

AVERAGE UNIT WEIGHT: 15.45g (Density (1.03 g/mL) x 15mL package. 6 servings/package)

TOTAL MAJOR ALKALOIDS 56.50 mg/ serv

TOTAL MINOR ALKALOIDS 0.13 mg/ serv

MITRAGYNINE 52.78 mg/ serv



ALKU



Kratom Alkaloids
High Level

ALKL



Kratom Alkaloids
Low Level

SS



Salmonella & STEC
qPCR

HVMET



Heavy Metals
4

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Tuesday, Aug 6, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tuesday, Aug 6, 2024

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.



ALKU

KRATOM ALKALOIDS - HIGH LEVEL

LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD

ALKU-DTS-240731-039-03 - MON, AUG 5, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	2.050 %	20.497 mg/g	52.78 mg	316.68 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.081 %	0.814 mg/g	2.10 mg	12.58 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.044 %	0.443 mg/g	1.14 mg	6.84 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.019 %	0.187 mg/g	0.48 mg	2.89 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.194 %	21.941 mg/g	56.50 mg	338.99 mg	N/A			N/A

ALKL

KRATOM ALKALOIDS - LOW LEVEL

LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ

ALKL-DTS-240731-039-01 - WED, JUL 31, 2024



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0049 %	0.0493 mg/g	0.13 mg	0.76 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Mitraphylline	ND	ND	ND	ND	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Total Minor Alkaloids	0.0049 %	0.0493 mg/g	0.13 mg	0.76 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A

SS

SALMONELLA & STEC- QPCR

LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR

SS-DTS-240731-039-01 - WED, JUL 31, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	N/A			N/A
Shiga Toxin Producing E. coli	ND	N/A			N/A

HVMET

HEAVY METALS - 4

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS

HVMET-DTS-240731-039-01 - WED, JUL 31, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Cadmium	ND	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	0.018 ug/g	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.001 ug/g	N/A	0.082 ug/kg	0.272 ug/kg	N/A



CERTIFICATE OF ANALYSIS

SAMPLE NAME: SOMA 100
SAMPLE CODE: DTS-240705-007
CLIENT: SOMA KRATOM
BATCH RESULT: PASS


cambium
analytica

1230 Woodmere Ave
Traverse City, MI 49686
231.252.3669
cambiumanalytica.com



MATRIX NAME: Edible Liquid - Emulsion
SAMPLE TYPE: Compliance
RECEIVED DATE: Mon, Jul 8, 2024
PUBLISHED DATE: Wed, Jul 10, 2024
BATCH CODE: A06241-1
BATCH SIZE: 45L
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 15.5715g (Density (1.0381 g/mL) x 15mL package. 2 servings/package.)

TOTAL MAJOR ALKALOIDS	53.99 mg/ serv
TOTAL MINOR ALKALOIDS	0.18 mg/ serv
MITRAGYNINE	50.55 mg/ serv

ALKU ✓ Kratom Alkaloids High Level	ALKL ✓ Kratom Alkaloids Low Level	SS ✓ Salmonella & STEC qPCR	HVMET ✓ Heavy Metals 4
--	---	-----------------------------------	------------------------------

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Wednesday, Jul 10, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Wednesday, Jul 10, 2024

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.



ALKU KRATOM ALKALOIDS - HIGH LEVEL LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD ALKU-DTS-240705-007-01 - FRI, JUL 5, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.649 %	6.493 mg/g	50.55 mg	101.11 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.025 %	0.252 mg/g	1.96 mg	3.92 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.014 %	0.141 mg/g	1.10 mg	2.20 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.005 %	0.049 mg/g	0.38 mg	0.76 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.694 %	6.935 mg/g	53.99 mg	107.99 mg	N/A			N/A

ALKL KRATOM ALKALOIDS - LOW LEVEL LAB-TM-047 - DETERMINATION OF KRATOM ALKALOID CONTENT BY LC-TQ ALKL-DTS-240705-007-01 - FRI, JUL 5, 2024								
ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0024 %	0.0235 mg/g	0.18 mg	0.37 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Mitraphylline	ND	ND	ND	ND	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Total Minor Alkaloids	0.0024 %	0.0235 mg/g	0.18 mg	0.37 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A



SS

SALMONELLA & STEC- QPCR

LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR

SS-DTS-240705-007-01 - FRI, JUL 5, 2024

ISO

17025

ACCREDITED

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	N/A			N/A
Shiga Toxin Producing E. coli	ND	N/A			N/A



HVMET

HEAVY METALS - 4

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS

HVMET-DTS-240705-007-01 - FRI, JUL 5, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.009 ug/g	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Cadmium	<LOQ	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Lead	0.008 ug/g	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Mercury	0.004 ug/g	N/A	0.082 ug/kg	0.272 ug/kg	N/A

