

CERTIFICATE OF ANALYSIS

SAMPLE NAME: MELONBERRY TWIST

SAMPLE CODE: DTS-240906-028

CLIENT: TEA TIME

BATCH RESULT: PASS



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

MATRIX NAME: Beverage
SAMPLE TYPE: Compliance
RECEIVED DATE: Thu, Sep 12, 2024
PUBLISHED DATE: Tue, Sep 17, 2024
BATCH/LOT CODE: N/A
BATCH SIZE: N/A
SAMPLE SIZE: 2U
AVERAGE UNIT WEIGHT: 356.94g

MITRAGYNINE	41.41 mg / serv
TOTAL MAJOR ALKALOIDS	51.04 mg / serv
TOTAL MINOR ALKALOIDS	0.08 mg / serv



ALKU Kratom Alkaloids High Level	ALKL Kratom Alkaloids Low Level	ECOLI Total E. Coli & Coliforms Plate	TAMC Total Aerobic Bacteria Plate	SS Salmonella & STEC qPCR
SAUR Staphylococcus aureus Plate	TYMFD Total Yeast & Mold Plate	HPMET Heavy Metals 7		

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Tuesday, Sep 17, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tuesday, Sep 17, 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-240906-028-01 - SAT, SEP 7, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	0.012 %	0.116 mg/g	41.41 mg	41.41 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.002 %	0.017 mg/g	6.07 mg	6.07 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	7e-04 %	N/A	2.50 mg	2.50 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	3e-04 %	N/A	1.07 mg	1.07 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	0.014 %	0.143 mg/g	51.04 mg	51.04 mg	N/A	N/A	N/A	N/A

ALKL

KRATOM ALKALOIDS - LOW LEVEL

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

ALKL-DTS-240906-028-01 - SAT, SEP 7, 2024



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00002 %	0.00024 mg/g	0.08 mg	0.08 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00002 %	0.00024 mg/g	0.08 mg	0.08 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

ECOLI

TOTAL E. COLI & COLIFORMS - PLATE

LAB-TM-059 - ENUMERATION OF ESCHERICHIA COLI AND TOTAL COLIFORM IN FOODS AND DIETARY SUPPLEMENTS

ECOLI-DTS-240906-028-01 - SAT, SEP 7, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
E. coli	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Coliforms	ND	N/A	10 CFU/g	10 CFU/g	N/A

TAMC

TOTAL AEROBIC BACTERIA - PLATE

LAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS

TAMC-DTS-240906-028-01 - SAT, SEP 7, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	ND	N/A	100 CFU/g	100 CFU/g	N/A

SS

SALMONELLA & STEC- QPCR

LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR

SS-DTS-240906-028-01 - SAT, SEP 7, 2024



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

SAUR

STAPHYLOCOCCUS AUREUS - PLATE

LAB-TM-062 - ENUMERATION OF STAPHYLOCOCCUS AUREUS IN FOODS AND DIETARY SUPPLEMENTS

SAUR-DTS-240906-028-01 - SAT, SEP 7, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
S. aureus	ND	N/A	10 CFU/g	10 CFU/g	N/A



TYMFD

TOTAL YEAST & MOLD - PLATE

LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS

TYMFD-DTS-240906-028-01 - SAT, SEP 7, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	ND	N/A	10 CFU/g	10 CFU/g	N/A

HPMET

HEAVY METALS - 7

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

HPMET-DTS-240906-028-01 - SAT, SEP 7, 2024



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	N/A	0.198 ug/kg	0.662 ug/kg	N/A
Cadmium	ND	N/A	N/A	N/A	N/A	0.082 ug/kg	0.272 ug/kg	N/A
Chromium	0.005 ug/g	N/A	1.68 ug	1.68 ug	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Copper	0.034 ug/g	N/A	12.23 ug	12.23 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Lead	ND	N/A	N/A	N/A	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Mercury	0.002 ug/g	N/A	0.74 ug	0.74 ug	N/A	0.017 ug/kg	0.057 ug/kg	N/A
Nickel	0.018 ug/g	N/A	6.56 ug	6.56 ug	N/A	0.321 ug/kg	1.071 ug/kg	N/A

