

CERTIFICATE OF ANALYSIS

SAMPLE NAME: ROOT BEER TAFFY

SAMPLE CODE: DTS-240530-020

CLIENT: TOP EXTRACTS

BATCH RESULT: PASS


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MATRIX NAME: Edible Solid - Caramel
SAMPLE TYPE: Compliance
RECEIVED DATE: Tue, Jun 4, 2024
PUBLISHED DATE: Mon, Jun 10, 2024
BATCH CODE: 23001FS-80
BATCH SIZE: 25mg/serv
SAMPLE SIZE: 200mg/pack
AVERAGE UNIT WEIGHT: 5.7444g (1 piece, 8 servings/package.)

TOTAL MAJOR ALKALOIDS 20.71 mg/ serv

TOTAL MINOR ALKALOIDS 0.16 mg/ serv

MITRAGYNINE 15.99 mg/ serv



ALKU ✓ Kratom Alkaloids High Level	ALKL ✓ Kratom Alkaloids Low Level	SAL ✓ Salmonella 25g qPCR	ECOLI ✓ Total E. Coli & Coliforms Plate	TYMFD ✓ Total Yeast & Mold Plate
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RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Monday, Jun 10, 2024


RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Monday, Jun 10, 2024

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

ALKU-DTS-240530-020-01 - THU, MAY 30, 2024

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Total Major Alkaloids	0.360 %	3.605 mg/g	20.71 mg	165.67 mg	N/A			N/A
Mitragynine	0.278 %	2.783 mg/g	15.99 mg	127.89 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.038 %	0.381 mg/g	2.19 mg	17.51 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.024 %	0.243 mg/g	1.40 mg	11.17 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.020 %	0.198 mg/g	1.14 mg	9.10 mg	N/A	0.3 ug/g	0.5 ug/g	N/A

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

ALKL-DTS-240530-020-02 - TUE, JUN 4, 2024



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.0029 %	0.0285 mg/g	0.16 mg	1.31 mg	N/A	0.01 ug/kg	0.1 ug/kg	N/A
Total Minor Alkaloids	0.0029 %	0.0285 mg/g	0.16 mg	1.31 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

LAB-TM-063 - DETECTION AND ISOLATION OF SALMONELLA SPP. IN FOODS AND DIETARY SUPPLEMENTS

SAL-DTS-240530-020-01 - THU, MAY 30, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	N/A	1 CFU/g		N/A

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

ECOLI-DTS-240530-020-01 - THU, MAY 30, 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

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

TYMFD-DTS-240530-020-01 - THU, MAY 30, 2024

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

