

Client: Super Organics
Sample Code: DTS-250625-034
Matrix Name: Botanical Powder - Plant
Type / Result: Compliance - Pass



Received Date: Thu, Jun 26, 2025
Published Date: Tue, Jul 1, 2025
Batch/Lot Code: 0003345
Batch Size: N/A
Sample Size: 1U

RESULT SUMMARY

Mitragynine	1.2511 %
Total Major Alkaloids	2.0750 %
Total Minor Alkaloids	0.00605 %



ALKU Kratom Alkaloids High Level ✓	ALKL Kratom Alkaloids Low Level ✓	COLIF Total Coliforms Plate ✓
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Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Tuesday, Jul 1, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Tuesday, Jul 1, 2025

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RAW LEAF



Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Mitragynine	1.2511 %	12.5110 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.3626 %	3.6260 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.3051 %	3.0510 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.1562 %	1.5620 mg/g	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.0750 %	20.7500 mg/g	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-250625-034-01 - TUE, JUL 1, 2025



Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00550 %	0.05502 mg/g	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00002 %	0.00024 mg/g	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00605 %	0.06051 mg/g	N/A	0.006 ug/g	0.03 ug/g	N/A

COLIF

Total Coliforms - Plate - 25g - Full Range

LAB-TM-026 - Enumeration of Total Coliforms on 3M CC Plates
 COLIF-DTS-250625-034-01 - MON, JUN 30, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Coliforms	ND	10000 CFU/g	10 CFU/g	10 CFU/g	PASS

SPECIOSA

RAW LEAF

Client: Super Organics
Sample Code: DTS-250710-038
Matrix Name: Botanical Powder - Plant
Type / Result: N/A - Pass



Received Date: Fri, Jul 11, 2025
Published Date: Wed, Jul 16, 2025
Batch/Lot Code: 0003345
Batch Size: N/A
Sample Size: 1U

SAL ✓ Salmonella qPCR	ECOLI ✓ Total Coliforms & E. coli Plate	TAMC ✓ Total Aerobic Bacteria Plate	HVMET ✓ Heavy Metals Big 4	TYMFD ✓ Total Yeast & Mold Plate
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Approvals

RESULTS REVIEWED BY:



Leslie Varela
Laboratory Director

Cambium Analytica
Wednesday, Jul 16, 2025

RESULTS CERTIFIED BY:



Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Wednesday, Jul 16, 2025

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Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella Spp	ND	Detection	N/A	N/A	PASS

ECOLI

Total Coliforms & E. coli - Plate - 25g - Full Range

LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements
ECOLI-DTS-250710-038-01 - TUE, JUL 15, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	Detection	10 CFU/g	10 CFU/g	PASS
Total Coliforms	ND	10000 CFU/g	10 CFU/g	10 CFU/g	PASS

TAMC

Total Aerobic Bacteria - Plate - 25g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-DTS-250710-038-01 - TUE, JUL 15, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	10000000 CFU/g	1000 CFU/g	1000 CFU/g	PASS

HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HVMET-DTS-250710-038-01 - TUE, JUL 15, 2025



Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Arsenic	0.197 ug/g	0.000 mg/g	1.0 ug/g	0.509 ug/kg	2.062 ug/kg	PASS
Cadmium	0.031 ug/g	0.000 mg/g	0.4 ug/g	0.256 ug/kg	0.509 ug/kg	PASS
Lead	0.459 ug/g	0.000 mg/g	1.25 ug/g	0.255 ug/kg	0.515 ug/kg	PASS
Mercury	0.018 ug/g	0.000 mg/g	0.2 ug/g	0.025 ug/kg	0.057 ug/kg	PASS

TYMFD

Total Yeast & Mold - Plate - 25g - Full Range

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements
TYMFD-DTS-250710-038-01 - WED, JUL 16, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast and Mold	ND	100000 CFU/g	10 CFU/g	10 CFU/g	PASS