Certificate of Analysis

Sample Name: Remarkable Herbs White Vein Maeng Da 3oz Kratom Powder
Client: RH Natural Products
Sample Code: DTS-250701-054
Matrix Name: Botanical Powder - Plant
Type / Result: Quality Assurance - Pass

cambium analytica



Received Date:	Wed, Jul 2, 2025
Published Date:	Fri, Jul 11, 2025
Batch/Lot Code:	25062
Batch Size:	N/A
Sample Size:	3oz
Average Unit Weight:	0.6g (0.6g serving. 142 servings per package)

RESULT SUMMARY

Mitragynine	5.75 mg /serv
Total Major Alkaloids	10.00 mg /serv
Total Minor Alkaloids	0.01 mg /serv

ALKU ✓	ALKL ✓	SAL ✓	ECOLI ✓	TAMC ✓
Kratom Alkaloids	Kratom Alkaloids	Salmonella	Total Coliforms & E. coli	Total Aerobic Bacteria
High Level	Low Level	qPCR	Plate	Plate

HVMET ✓	TYMFD ✓
Heavy Metals	Total Yeast & Mold
Big 4	Plate

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director
Cambium Analytica
Friday, Jul 11, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Friday, Jul 11, 2025

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ALKU

Kratom Alkaloids - High Level

LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-250701-054-01 - MON, JUL 7, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.9581 %	9.5810 mg/g	5.75 mg	816.30 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.3607 %	3.6070 mg/g	2.16 mg	307.32 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.2169 %	2.1690 mg/g	1.30 mg	184.80 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.1315 %	1.3150 mg/g	0.79 mg	112.04 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	1.6672 %	16.6720 mg/g	10.00 mg	1420.45 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-250701-054-01 - MON, JUL 7, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00110 %	0.01100 mg/g	0.01 mg	0.94 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	0.00120 %	0.01200 mg/g	0.01 mg	1.02 mg	N/A	0.006 ug/g	0.03 ug/g	N/A

SAL

Salmonella - qPCR - 25g

LAB-TM-063 - Detection and Isolation of Salmonella spp. in Foods and Dietary Supplements
SAL-DTS-250701-054-01 - FRI, JUL 11, 2025

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

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-250701-054-01 - MON, JUL 7, 2025

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 - 25g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-DTS-250701-054-01 - MON, JUL 7, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	N/A	1000 CFU/g	1000 CFU/g	N/A

HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HVMET-DTS-250701-054-01 - MON, JUL 7, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	0.292 ug/g	0.000 mg/g	0.18 ug	24.85 ug	N/A	0.509 ug/kg	2.062 ug/kg	N/A
Cadmium	0.024 ug/g	0.000 mg/g	0.01 ug	2.07 ug	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	0.642 ug/g	0.001 mg/g	0.39 ug	54.70 ug	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	0.020 ug/g	0.000 mg/g	0.01 ug	1.71 ug	N/A	0.025 ug/kg	0.057 ug/kg	N/A

TYMFD

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

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements
TYMFD-DTS-250701-054-01 - MON, JUL 7, 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	N/A	10 CFU/g	10 CFU/g	N/A