Certificate of Analysis

Sample Name: Remarkable Herbs Green Vein Indo 3oz Kratom Powder
Client: RH Natural Products
Sample Code: DTS-250701-052
Matrix Name: Botanical Powder - Plant
Type / Result: Quality Assurance - Pass

cambium analytica



Received Date: Wed, Jul 2, 2025
Published Date: Tue, Jul 8, 2025
Batch/Lot Code: 25113
Batch Size: N/A
Sample Size: 3oz
Average Unit Weight: 0.6g (0.6g serving. 142 servings per package)

RESULT SUMMARY

Mitragynine	14.23 mg /serv
Total Major Alkaloids	22.67 mg /serv
Total Minor Alkaloids	0.01 mg /serv

ALKU ✓ Kratom Alkaloids — High Level	ALKL ✓ Kratom Alkaloids — Low Level	SAL ✓ Salmonella — qPCR	ECOLI ✓ Total Coliforms & E. coli — Plate	TAMC ✓ Total Aerobic Bacteria — Plate
HVMET ✓ Heavy Metals — Big 4	TYMFD ✓ Total Yeast & Mold — Plate			

Approvals

RESULTS REVIEWED BY:

Leslie Varela — Laboratory Director — Cambium Analytica — Tuesday, Jul 8, 2025

RESULTS CERTIFIED BY:

Douglas Smith — VP - Scientific Operations — Cambium Analytica — Tuesday, Jul 8, 2025

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.

Address: 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157

ALKU

Kratom Alkaloids - High Level

LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-250701-052-02 - MON, JUL 7, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.4230 %	14.2300 mg/g	14.23 mg	2020.66 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.3583 %	3.5830 mg/g	3.58 mg	508.79 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.3074 %	3.0740 mg/g	3.07 mg	436.51 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogynine	0.1781 %	1.7810 mg/g	1.78 mg	252.90 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.2668 %	22.6680 mg/g	22.67 mg	3218.86 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-250701-052-01 - MON, JUL 7, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00070 %	0.00700 mg/g	0.01 mg	0.99 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	0.00080 %	0.00800 mg/g	0.01 mg	1.14 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-250701-052-01 - TUE, JUL 8, 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-250701-052-01 - 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-250701-052-01 - 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-250701-052-01 - MON, JUL 7, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	0.112 ug/g	0.000 mg/g	0.11 ug	15.96 ug	N/A	0.509 ug/kg	2.062 ug/kg	N/A
Cadmium	0.090 ug/g	0.000 mg/g	0.09 ug	12.79 ug	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Lead	0.462 ug/g	0.000 mg/g	0.46 ug	65.56 ug	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	0.013 ug/g	0.000 mg/g	0.01 ug	1.82 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-250701-052-01 - 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