

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** PART # 10185 -I Am Plant Based Green Borneo Powder  
**SAMPLE CODE:** DTS-250528-059  
**CLIENT:** I Am Plant Based LLC  
**BATCH RESULT:** PASS



**MATRIX NAME:** Botanical Powder - Plant  
**SAMPLE TYPE:** Quality Assurance  
**RECEIVED DATE:** Fri, May 30, 2025  
**PUBLISHED DATE:** Wed, Jun 4, 2025  
**BATCH/LOT CODE:** 2360G  
**BATCH SIZE:** 1U  
**SAMPLE SIZE:** 1U  
**AVERAGE UNIT WEIGHT:** 2.5g

**MITRAGYNINE** 30.14 mg / serv

**TOTAL MAJOR ALKALOIDS** 51.14 mg / serv

**TOTAL MINOR ALKALOIDS** 0.10 mg / serv

<b>ALKU</b> ✓ Kratom Alkaloids High Level	<b>ALKL</b> ✓ Kratom Alkaloids Low Level	<b>SAL</b> ✓ Salmonella qPCR	<b>ECOLI</b> ✓ Total Coliforms & E. coli Plate	<b>TAMC</b> ✓ Total Aerobic Bacteria Plate
<b>SAUR</b> ✓ Staphylococcus aureus Plate	<b>TYMFD</b> ✓ Total Yeast & Mold Plate	<b>FTIRR</b> ✓ Identification by FTIR Report		

## APPROVALS

### RESULTS REVIEWED BY:



**Leslie Varela**  
Laboratory Director

Cambium Analytica  
Wednesday, Jun 4, 2025

### RESULTS CERTIFIED BY:



**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Wednesday, Jun 4, 2025

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ALKU

**KRATOM ALKALOIDS - HIGH LEVEL**LAB-TM-052 - DETERMINATION OF KRATOM ALKALOID CONTENT BY UPLC-DAD  
ALKU-DTS-250528-059-01 - TUE, JUN 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Mitragynine	1.2055 %	12.0550 mg/g	30.14 mg	3013.75 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciociliatine	0.4076 %	4.0760 mg/g	10.19 mg	1019.00 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.2832 %	2.8320 mg/g	7.08 mg	708.00 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciogygine	0.1494 %	1.4940 mg/g	3.74 mg	373.50 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Total Major Alkaloids	2.0457 %	20.4570 mg/g	51.14 mg	5114.25 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-250528-059-01 - TUE, JUN 3, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
7-Hydroxymitragynine	0.00382 %	0.03824 mg/g	0.10 mg	9.56 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	0.00003 %	0.00025 mg/g	0.00 mg	0.06 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids	0.00385 %	0.03850 mg/g	0.10 mg	9.62 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-250528-059-01 - TUE, JUN 3, 2025

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-250528-059-01 - TUE, JUN 3, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
E. coli	ND	Detection	10 CFU/g	10 CFU/g	PASS
Total Coliforms	ND	1000 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-250528-059-01 - TUE, JUN 3, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	1000 CFU/g	100000 CFU/g	1000 CFU/g	1000 CFU/g	PASS

SAUR

**STAPHYLOCOCCUS AUREUS - PLATE - 25G**LAB-TM-062 - ENUMERATION OF STAPHYLOCOCCUS AUREUS IN FOODS AND DIETARY SUPPLEMENTS  
SAUR-DTS-250528-059-01 - TUE, JUN 3, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
S. aureus	ND	Detection	10 CFU/g	10 CFU/g	PASS

TYMFD

**TOTAL YEAST & MOLD - PLATE - 25G - FULL RANGE**LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS  
TYMFD-DTS-250528-059-01 - WED, JUN 4, 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	1000 CFU/g	10 CFU/g	10 CFU/g	PASS

FTIRR

**IDENTIFICATION BY FTIR - REPORT**NULL IDENTIFICATION BY FTIR  
FTIRR-DTS-250528-059-01 - TUE, JUN 3, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Quality Index Score	99.80 %	95-100 %	N/A	N/A	PASS