



**Certificate of Analysis**  
Compliance Test

Client Information:

**Power Distribution LLC**  
333 New Road  
Unit 5  
Parsippany, NJ 07054

Batch # 250206p  
Batch Date: 2025-02-06  
Extracted From: kratom

Order # POW250219-010001  
Order Date: 2025-02-19  
Sample # AAGK446

Sampling Date: 2025-02-21  
Lab Batch Date: 2025-02-21  
Orig. Completion Date: 2025-02-27

Serving Number: 1.00000  
Initial Gross Weight: 9.202 g

Statement of Amendment: Updated Photo



**Kratom Alkaloids**

Specimen Weight: 205.960 mg

SOP 13.062 Kratom Alkaloids (LCMS)

Tested

**Total Detectable Alkaloids**

Total Kratom Alkaloids  
10.546%

Analyte	LOQ (%)	Result (mg/g)	(%)
Mitragynine	0.0146	57.5700	5.757
Paynantheine	0.0146	19.0500	1.905
Speciociliatine	0.0146	16.5300	1.653
Speciogynine	0.0146	11.4300	1.143
Corynoxine B	0.0146	0.5111	0.05111
7-Hydroxy Mitragynine	0.0146	0.3703	0.03703
Isorhynchophylline	0.0146	<LOQ	<LOQ
Mitraphylline	0.0146	<LOQ	<LOQ

Prep. By: 1267 Date: 2025-02-24 09:32:24 Analyzed By: 1142 Date: 2025-02-24 16:46:43  
Reviewed By: 1010 Date: 2025-02-27 17:22:39 Lab Batch #: AAGK446-412 Date: 2025-02-27 17:22:39

**Kratom Heavy Metals**

Specimen Weight: 247.800 mg

SOP13.051 (ICP-3; icp-1)

Tested

Dilution Factor: 201.776

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	.019	100	1500	<LOQ	Manganese (Mn)	.04694	1000	900000	10190.982
Cadmium (Cd)	.004	100	300	<LOQ	Mercury (Hg)	.010	100	500	<LOQ
Lead (Pb)	.044	100	1000	<LOQ	Nickel (Ni)	.149	250	200000	<LOQ

Prep. By: 1204 Date: 2025-02-25 19:43:35 Analyzed By: 1264 Date: 2025-02-25 19:43:35  
Reviewed By: 1204 Date: 2025-02-27 09:51:20 Lab Batch #: AAGK446-413 Date: 2025-02-27 09:51:20

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions and Abbreviations used in this report: (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilo-gram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. The results apply to the sample as received. Revised report- see statement of amendment above.

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