



Certificate of Analysis
Compliance Test

Client Information:

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

Batch # 252801
Batch Date: 2025-01-28
Extracted From: plant

Cultivation Date: 0000-00-00
Production Date: 0000-00-00

Order # POW250227-010001
Order Date: 2025-02-27
Sample # AAGL287

Sampling Date: 2025-03-03
Lab Batch Date: 2025-03-03
Completion Date: 2025-03-07

Serving Number: 1.00000
Density: 1.00 g/ml
Volume: 15 ml
Number of Units: 2
Net Weight per Unit: 14550.000 mg
Sampling Method: MSP 7.3.1



Kratom Tested

Heavy Metals Tested

Pesticides Passed

Kratom Alkaloids **Total Detectable Alkaloids**
Specimen Weight: 14000.000 mg SOP 13.062 Kratom Alkaloids (LCMS)

Total Kratom Alkaloids
1.218% 182.739mg

Analyte	LOQ (%)	Result (µg/ml)	(%)
Mitragynine	0.0146	10510	1.051
Paynantheine	0.0146	941	0.0941
Speciogynine	0.0146	501	0.0501
Speciociliatine	0.0146	187	0.0187
7-Hydroxy Mitragynine	0.0146	40	0.004
Corynoxine B	0.0146	3.62	0.000362
Isorhynchophylline	0.0146	<LOQ	<LOQ
Mitraphylline	0.0146	<LOQ	<LOQ

Prep. By: 1260 Date: 2025-03-04 17:14:10 Analyzed By: 1263 Date: 2025-03-04 12:12:31
Reviewed By: 1150 Date: 2025-03-07 16:08:52 Lab Batch #: AAGL287-412 Date: 2025-03-07 16:08:52

Heavy Metals **Tested**
Specimen Weight: 246.000 mg SOP13.051 (ICP-3; icp-1)
Dilution Factor: 203.252

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (µg/ml)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (µg/ml)
Arsenic (As)	.019	100	1500	<LOQ	Manganese (Mn)	.04694	1000	900000	<LOQ
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: 2025-03-03 10:01:51 Analyzed By: 1204 Date: 2025-03-03 10:01:51
Reviewed By: 1264 Date: 2025-03-04 11:59:53 Lab Batch #: AAGL287-413 Date: 2025-03-04 11:59:53

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.

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Sampling Method: MSP 7.3.1



Pesticides

Specimen Weight: 582.600 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.570

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Chloromequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ					

Prep. By: 1035 Date: 2025-03-03 19:45:51 Analyzed By: 1035 Date: 2025-03-03 19:45:51
Reviewed By: 1183 Date: 2025-03-05 19:09:50 Lab Batch #: AAGL287-202 Date: 2025-03-05 19:09:50

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
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Definitions are found on page 1

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