



Certificate of Analysis
 Compliance Test

Client Information:
Hyroxi

Batch # 3578
 Batch Date: 2026-01-27
 Extracted From: Kratom
 Cultivation Date: 0000-00-00
 Production Date: 0000-00-00

Atlanta, Georgia 30093
 Order # HYR260213-060001
 Order Date: 2026-02-13
 Sample # AAHK605

Sampling Date: 2026-02-17
 Lab Batch Date: 2026-02-17
 Completion Date: 2026-02-25
 Serving Number: 16.00000
 Initial Gross Weight: 9.600 g
 Number of Units: 1
 Net Weight per Unit: 2560.000 mg
 Sampling Method: MSP 7.3.1



Kratom Tested **Heavy Metals Tested** **Mycotoxins Passed** **Pesticides Passed** **Residual Solvents Passed**
Pathogenic Passed **Microbiology Petrifilm Passed**

Kratom Alkaloids
 Specimen Weight: 254.300 mg

Tested
 SOP 13.062 Kratom Alkaloids (LCMS)

Total Detectable Alkaloids

Total Kratom Alkaloids
2.107% **53.939mg**

Pieces For Panel: 4

Analyte	LOQ (%)	Action Level (mg/g)	Result (mg/g)	(%)
Mitragynine	0.0146	100	19.5800	1.958
Paynantheine	0.0146	100	0.9711	0.09711
Speciogynine	0.0146	100	0.5197	0.05197
7-Hydroxy Mitragynine	0.0146	0.4	<LOQ	<LOQ
Corynoxine B	0.0146	100	<LOQ	<LOQ
Isorhynchophylline	0.0146	100	<LOQ	<LOQ
Mitraphylline	0.0146	100	<LOQ	<LOQ
Speciociliatine	0.0146	100	<LOQ	<LOQ

Prep. By: 1260 Date: 2026-02-17 17:20:33 Analyzed By: 1142 Date: 2026-02-17 13:06:34
 Reviewed By: 1150 Date: 2026-02-25 14:06:04 Lab Batch #: AAHK605-412 Date: 2026-02-25 14:06:04

Kratom Heavy Metals
 Specimen Weight: 251.000 mg

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

Dilution Factor: 199.203

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	<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: 1256 Date: 2026-02-18 20:44:21 Analyzed By: 1256 Date: 2026-02-18 20:44:21
 Reviewed By: 1264 Date: 2026-02-19 12:04:21 Lab Batch #: AAHK605-413 Date: 2026-02-19 12:04:21

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 Kilogram. 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

Residual Solvents - FL **Passed**
 Specimen Weight: 15.300 mg SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	0.132	8	<LOQ	Heptane	0.001	8	5000	<LOQ
1,2-Dichloroethane	0.000	0.032	2	<LOQ	Hexane	0.068	0.8	250	<LOQ
Acetone	0.015	12	750	<LOQ	Isopropyl alcohol	0.005	8	500	<LOQ
Acetonitrile	0.060	0.96	60	<LOQ	Methanol	0.001	4	250	<LOQ
Benzene	0.000	0.016	1	<LOQ	Methylene chloride	0.003	2	125	<LOQ
Butanes	0.417	13.32	5000	<LOQ	Pentane	0.037	12	750	<LOQ
Chloroform	0.000	0.032	2	<LOQ	Propane	0.031	26.668	5000	<LOQ
Ethanol	0.002	16	5000	<LOQ	Toluene	0.001	2.4	150	<LOQ
Ethyl Acetate	0.001	6.4	400	<LOQ	Total Xylenes	0.000	7.2	150	<LOQ
Ethyl Ether	0.005	8	500	<LOQ	Trichloroethylene	0.001	0.4	25	<LOQ
Ethylene Oxide	0.004	0.32	5	<LOQ					

Prep. By: 1291 Date: 2026-02-17 14:44:02 Analyzed By: 1051 Date: 2026-02-17 14:44:02
 Reviewed By: 1222 Date: 2026-02-18 19:30:57 Lab Batch #: AAHK605-55 Date: 2026-02-18 19:30:57

Mycotoxins **Passed**
 Specimen Weight: 616.300 mg SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.430

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Prep. By: 1035 Date: 2026-02-17 20:17:59 Analyzed By: 1035 Date: 2026-02-17 20:17:59
 Reviewed By: 1222 Date: 2026-02-20 16:48:27 Lab Batch #: AAHK605-165 Date: 2026-02-20 16:48:27

Pathogenic SE (Microarray) **Passed**
 Specimen Weight: 1022.900 mg SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
E. Coli	1	Absence in 1g	Salmonella	1	Absence in 1g

Prep. By: 1161 Date: 2026-02-18 09:24:56 Analyzed By: 1179 Date: 2026-02-19 09:39:58
 Reviewed By: 1179 Date: 2026-02-19 17:13:31 Lab Batch #: AAHK605-445 Date: 2026-02-19 17:13:31

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Definitions are found on page 1

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Atlanta, Georgia 30093

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Order Date: 2026-02-13
Sample # AAHK605

Sampling Date: 2026-02-17
Lab Batch Date: 2026-02-17
Completion Date: 2026-02-25

Serving Number: 16.00000 Initial Gross Weight: 9.600 g

Number of Units: 1
Net Weight per Unit: 2560.000 mg
Sampling Method: MSP 7.3.1



Microbiology ACEC (Petrifilm)

Specimen Weight: 1006.800 mg

Passed
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Aerobic Bacteria	20	10000	<20	Yeast/Mold	20	1000	<20
Coliform	20	100	<10				

Prep. By: 1284 Date: 2026-02-17 10:24:44

Analyzed By: 1284 Date: 2026-02-17 10:24:44

Reviewed By: 1284 Date: 2026-02-19 18:27:19

Lab Batch #: AAHK605-443 Date: 2026-02-19 18:27:19

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Production Date: 0000-00-00

Atlanta, Georgia 30093

Order # HYR260213-060001
Order Date: 2026-02-13
Sample # AAHK605

Sampling Date: 2026-02-17
Lab Batch Date: 2026-02-17
Completion Date: 2026-02-25

Serving Number: 16.00000 Initial Gross Weight: 9.600 g

Number of Units: 1
Net Weight per Unit: 2560.000 mg
Sampling Method: MSP 7.3.1



Pesticides

Specimen Weight: 616.300 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.430

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	23.3	300	<LOQ	Fludioxonil	3.6000E-1	24.8	3000	<LOQ
Acephate	1.4100E-1	24.8	3000	<LOQ	Hexythiazox	1.1300E-1	24.8	2000	<LOQ
Acequinocyl	2.1780E+0	24.8	2000	<LOQ	Imazalil	2.5800E-1	24.8	100	<LOQ
Acetamiprid	1.4000E-1	24.8	3000	<LOQ	Imidacloprid	4.0200E-1	24.8	3000	<LOQ
Aldicarb	2.0300E-1	24.8	100	<LOQ	Kresoxim Methyl	1.8200E-1	24.8	1000	<LOQ
Azoxystrobin	1.8800E-1	24.8	3000	<LOQ	Malathion	2.2300E-1	24.8	2000	<LOQ
Bifenazate	8.6000E-2	24.8	3000	<LOQ	Metalaxyl	2.7000E-1	24.8	3000	<LOQ
Bifenthrin	1.0000E-1	24.8	500	<LOQ	Methiocarb	1.1800E-1	24.8	100	<LOQ
Boscalid	5.9500E-1	24.8	3000	<LOQ	Methomyl	6.4000E-2	24.8	100	<LOQ
Captan	1.8500E+0	323	3000	<LOQ	methyl-Parathion	8.2000E-1	24.8	100	<LOQ
Carbaryl	1.2200E-1	24.8	500	<LOQ	Mevinphos	9.3000E-2	24.8	100	<LOQ
Carbofuran	8.6000E-2	24.8	100	<LOQ	Myclobutanil	5.7300E-1	24.8	3000	<LOQ
Chlorantraniliprole	8.4000E-2	24.8	3000	<LOQ	Naled	6.9000E-2	24.8	500	<LOQ
Chlordane	1.4100E+0	24.8	100	<LOQ	Oxamyl	4.1000E-2	24.8	500	<LOQ
Chlorfenapyr	1.5000E+0	24.8	100	<LOQ	Paclobutrazol	1.8600E-1	24.8	100	<LOQ
Chlormequat Chloride	2.0500E-1	24.8	3000	<LOQ	Pentachloronitrobenzene	2.2000E-1	24.8	200	<LOQ
Chlorpyrifos	1.0900E-1	24.8	100	<LOQ	Permethrin	6.2400E-1	24.8	1000	<LOQ
Clofentezine	2.1200E-1	24.8	500	<LOQ	Phosmet	1.2700E-1	24.8	200	<LOQ
Coumaphos	2.0600E-1	24.8	100	<LOQ	Piperonylbutoxide	1.4900E-1	24.8	3000	<LOQ
Cyfluthrin	9.8000E-1	24.8	1000	<LOQ	Prallethrin	1.4760E+0	24.8	400	<LOQ
Cypermethrin	9.8500E-1	24.8	1000	<LOQ	Propiconazole	2.9400E-1	24.8	1000	<LOQ
Daminozide	1.6550E+0	24.8	100	<LOQ	Propoxur	1.0000E-1	24.8	100	<LOQ
Diazinon	2.1200E-1	24.8	200	<LOQ	Pyrethrins	6.7000E-2	12.9	1000	<LOQ
Dichlorvos	1.1300E+0	24.8	100	<LOQ	Pyridaben	1.4000E-1	24.8	3000	<LOQ
Dimethoate	6.3000E-2	24.8	100	<LOQ	Spinetoram	4.2400E-1	24.8	3000	<LOQ
Dimethomorph	2.5810E+0	24.8	3000	<LOQ	Spinosad	2.8000E-2	24.8	3000	<LOQ
Ethoprophos	1.5100E-1	24.8	100	<LOQ	Spiromesifen	1.2000E-1	24.8	3000	<LOQ
Etofenprox	1.7200E-1	24.8	100	<LOQ	Spirotetramat	2.1100E-1	24.8	3000	<LOQ
Etoxazole	8.6600E-1	24.8	1500	<LOQ	Spiroxamine	5.3300E-1	24.8	100	<LOQ
Fenhexamid	5.8800E-1	24.8	3000	<LOQ	Tebuconazole	2.3000E-1	24.8	1000	<LOQ
Fenoxycarb	2.7400E-1	24.8	100	<LOQ	Thiacloprid	1.7000E-1	24.8	100	<LOQ
Fenpyroximate	1.9800E-1	24.8	2000	<LOQ	Thiamethoxam	1.7900E-1	24.8	1000	<LOQ
Fipronil	3.1700E-1	24.8	100	<LOQ	Trifloxystrobin	1.3400E-1	24.8	3000	<LOQ
Fonicamid	4.6600E-1	24.8	2000	<LOQ					

Prep. By: 1035

Date: 2026-02-17 20:17:59

Analyzed By: 1035

Date: 2026-02-17 20:17:59

Reviewed By: 1222

Date: 2026-02-20 16:48:27

Lab Batch #: AAHK605-202

Date: 2026-02-20 16:48:27

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7-Hydroxy Mitragynine at Dry Weight
Specimen Weight: 254.300 mg

Tested
SOP 13.062 Kratom Alkaloids (LCMS)

Dilution Factor: 15000.000

Analyte	LOQ (%)	Action Level (ppm)	Result (ppm)	(%)
7-Hydroxy Mitragynine	0.0146	400	<LOQ	<LOQ
Prep. By: 1260	Date: 2026-02-17 17:20:33	Analyzed By: 1142	Date: 2026-02-17 13:06:34	
Reviewed By: 1150	Date: 2026-02-25 14:06:04	Lab Batch #: AAHK605-412	Date: 2026-02-25 14:06:04	

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