



Certificate of Analysis

Compliance Test

Client Information:

Hyroxi

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

Atlanta, Georgia 30093

Order # HYR260213-060001
Order Date: 2026-02-13
Sample # AAHK605Sampling 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 mgSOP 13.062 Kratom Alkaloids
(LCMS)

Tested

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 mgSOP13.051 (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 12:04:21Aixa 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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The test marked with an "*" is not ISO/IEC 17025:2017 accredited for the matrix. ▲ Under FL rule 2ER25-2, 70H mitragynine at above 400ppm on a dry weight basis will be schedule 1 as per FS 893.03 (1)(a)





Certificate of Analysis

Compliance Test

Client Information:

Hyroxi

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

Atlanta, Georgia 30093

Order # HYR260213-060001
Order Date: 2026-02-13
Sample # AAHK605Sampling 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

Residual Solvents - FL

Specimen Weight: 15.300 mg

Passed

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

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)
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)

Specimen Weight: 1022.900 mg

Passed

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

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The test marked with an "*" is not ISO/IEC 17025:2017 accredited for the matrix. ▲ Under FL rule 2ER25-2, 7OH mitragynine at above 400ppm on a dry weight basis will be schedule 1 as per FS 893.03 (1)(a)





Certificate of Analysis

Compliance Test

Client Information:

Hyroxi

Atlanta, Georgia 30093

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

Batch # 3578
Batch Date: 2026-01-27
Extracted From: Kratom

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

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

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The test marked with an "*" is not ISO/IEC 17025:2017 accredited for the matrix. ▲ Under FL rule 2ER25-2, 7OH mitragynine at above 400ppm on a dry weight basis will be schedule 1 as per FS 893.03 (1)(a)





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



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
Etioazale	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

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The test marked with an "*" is not ISO/IEC 17025:2017 accredited for the matrix. ▲ Under FL rule 2ER25-2, 70H mitragynine at above 400ppm on a dry weight basis will be schedule 1 as per FS 893.03 (1)(a)





Certificate of Analysis

Compliance Test

Client Information:

Hyroxi

Atlanta, Georgia 30093

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

Batch # 3578
Batch Date: 2026-01-27
Extracted From: Kratom

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

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



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	

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The test marked with an "*" is not ISO/IEC 17025:2017 accredited for the matrix. ▲ Under FL rule 2ER25-2, 7OH mitragynine at above 400ppm on a dry weight basis will be schedule 1 as per FS 893.03 (1)(a)

