

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-BM (Concentrate) • Client: FIX



Matrix: Concentrate
Sample ID: ICC-251006-00-004
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.56 g
Serving Size: 0.52 g

Tests Taken

Alkaloids

Kratom Overview

7-OH-Mitragynine:	0.000 mg/srv
Mitragynine:	9.88 mg/srv
Sum of Alkaloids:	10.8 mg/srv

KRAT-PREP-001: KRAT-PREP-001: Kratom Potency • Oct 07, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Mitragynine	9.88	29.6	1.90	0.0333/0.405	Speciociliatine			< LOQ	0.0413/0.405
Paynantheine	0.385	1.15	0.0740	0.0238/0.405	7-OH-Mitragynine			ND	0.0304/0.405
Speciogynine	0.273	0.819	0.0525	0.0368/0.405	Mitragynine pseudoindoxyl			ND	0.0497/0.149
Corynantheidine	0.236	0.707	0.0453	0.0516/0.409					

Compliance requirements for this test are taken from No Compliance regulations.

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-BM (Concentrate) • Client: FIX • Batch: Pass



Matrix: Concentrate
 Sample ID: ICC-251006-00-007
 Collected on: Oct 07, 2025
 Received on: Oct 07, 2025
 Batch Size:
 Sample Size: 5 Units
 Package Size: 1.54 g
 Serving Size: 0.51 g

Batch Result: Pass

Solvents Pass

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RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Kratom Residual Solvents • Oct 07, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	0.0649/0.195	Pass	Hexane	290	ND	3.25/9.76	Pass
Acetone	5000	ND	23.9/71.8	Pass	Isopropyl alcohol	5000	ND	27.6/82.8	Pass
Acetonitrile	410	ND	4.02/12.1	Pass	Methanol	3000	ND	22.5/67.6	Pass
Benzene	1	ND	0.0191/0.0574	Pass	Methylene chloride	1	ND	5.08/15.2	Pass
Butane	5000	ND	24.8/74.5	Pass	Pentane	5000	ND	23.2/69.7	Pass
Chloroform	1	ND	0.660/1.98	Pass	Propane	5000	ND	18.0/54.1	Pass
Ethanol	5000	ND	20.6/61.9	Pass	Toluene	890	ND	9.67/29.0	Pass
Ethyl acetate	5000	212	25.2/75.7	Pass	Trichloroethylene	1	ND	0.604/1.81	Pass
Ethylene oxide	1	ND	1.20/3.59	Pass	o-Xylene	ND	ND	12.1/36.3	N/A
Ethyl ether	5000	ND	29.5/88.6	Pass	p- and m-Xylene	ND	ND	12.5/37.4	N/A
Heptane	5000	ND	27.3/81.8	Pass	Total xylenes	2170	ND		Pass

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-JP (Concentrate) • Client: FIX



Matrix: Concentrate
Sample ID: ICC-251006-00-001
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.61 g
Serving Size: 0.54 g

Tests Taken

Alkaloids

Kratom Overview

7-OH-Mitragynine:	0.000 mg/srv
Mitragynine:	18.6 mg/srv
Sum of Alkaloids:	20.7 mg/srv

KRAT-PREP-001: KRAT-PREP-001: Kratom Potency • Oct 07, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Mitragynine	18.6	55.4	3.44	0.0334/0.408	Speciociliatine	0.380	1.13	0.0704	0.0416/0.408
Paynantheine	0.745	2.22	0.138	0.0239/0.407	7-OH-Mitragynine			ND	0.0306/0.408
Speciogynine	0.562	1.67	0.104	0.0370/0.408	Mitragynine pseudoindoxyl			ND	0.0500/0.150
Corynantheidine	0.482	1.44	0.0892	0.0519/0.411					

Compliance requirements for this test are taken from No Compliance regulations.

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-JP (Concentrate) • Client: FIX • Batch: Pass



Matrix: Concentrate
Sample ID: ICC-251006-00-005
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.57 g

Batch Result: Pass

Solvents Pass

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RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Kratom Residual Solvents • Oct 07, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	0.0652/0.195	Pass	Hexane	290	ND	3.27/9.80	Pass
Acetone	5000	ND	24.0/72.1	Pass	Isopropyl alcohol	5000	ND	27.7/83.2	Pass
Acetonitrile	410	ND	4.03/12.1	Pass	Methanol	3000	319	22.6/67.9	Pass
Benzene	1	ND	0.0192/0.0576	Pass	Methylene chloride	1	ND	5.10/15.3	Pass
Butane	5000	ND	24.9/74.8	Pass	Pentane	5000	ND	23.3/70.0	Pass
Chloroform	1	ND	0.663/1.99	Pass	Propane	5000	ND	18.1/54.3	Pass
Ethanol	5000	ND	20.7/62.2	Pass	Toluene	890	ND	9.71/29.1	Pass
Ethyl acetate	5000	146	25.3/76.0	Pass	Trichloroethylene	1	ND	0.607/1.82	Pass
Ethylene oxide	1	ND	1.20/3.61	Pass	o-Xylene	ND	ND	12.2/36.5	N/A
Ethyl ether	5000	ND	29.6/88.9	Pass	p- and m-Xylene	ND	ND	12.5/37.6	N/A
Heptane	5000	ND	27.4/82.2	Pass	Total xylenes	2170	ND		Pass

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-JP (Concentrate) • Client: FIX



Matrix: Concentrate
Sample ID: ICC-251006-00-001
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.61 g
Serving Size: 0.54 g

Tests Taken

Alkaloids

Kratom Overview

7-OH-Mitragynine:	0.000 mg/srv
Mitragynine:	18.6 mg/srv
Sum of Alkaloids:	20.7 mg/srv

KRAT-PREP-001: KRAT-PREP-001: Kratom Potency • Oct 07, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Mitragynine	18.6	55.4	3.44	0.0334/0.408	Speciociliatine	0.380	1.13	0.0704	0.0416/0.408
Paynantheine	0.745	2.22	0.138	0.0239/0.407	7-OH-Mitragynine			ND	0.0306/0.408
Speciogynine	0.562	1.67	0.104	0.0370/0.408	Mitragynine pseudoindoxyl			ND	0.0500/0.150
Corynantheidine	0.482	1.44	0.0892	0.0519/0.411					

Compliance requirements for this test are taken from No Compliance regulations.

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-JP (Concentrate) • Client: FIX • Batch: Pass



Matrix: Concentrate
 Sample ID: ICC-251006-00-005
 Collected on: Oct 07, 2025
 Received on: Oct 07, 2025
 Batch Size:
 Sample Size: 5 Units
 Package Size: 1.57 g

Batch Result: Pass

Solvents Pass

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RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Kratom Residual Solvents • Oct 07, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	0.0652/0.195	Pass	Hexane	290	ND	3.27/9.80	Pass
Acetone	5000	ND	24.0/72.1	Pass	Isopropyl alcohol	5000	ND	27.7/83.2	Pass
Acetonitrile	410	ND	4.03/12.1	Pass	Methanol	3000	319	22.6/67.9	Pass
Benzene	1	ND	0.0192/0.0576	Pass	Methylene chloride	1	ND	5.10/15.3	Pass
Butane	5000	ND	24.9/74.8	Pass	Pentane	5000	ND	23.3/70.0	Pass
Chloroform	1	ND	0.663/1.99	Pass	Propane	5000	ND	18.1/54.3	Pass
Ethanol	5000	ND	20.7/62.2	Pass	Toluene	890	ND	9.71/29.1	Pass
Ethyl acetate	5000	146	25.3/76.0	Pass	Trichloroethylene	1	ND	0.607/1.82	Pass
Ethylene oxide	1	ND	1.20/3.61	Pass	o-Xylene	ND	ND	12.2/36.5	N/A
Ethyl ether	5000	ND	29.6/88.9	Pass	p- and m-Xylene	ND	ND	12.5/37.6	N/A
Heptane	5000	ND	27.4/82.2	Pass	Total xylenes	2170	ND		Pass

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-BM (Concentrate) • Client: FIX



Matrix: Concentrate
Sample ID: ICC-251006-00-004
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.56 g
Serving Size: 0.52 g

Tests Taken

Alkaloids

Kratom Overview

7-OH-Mitragynine:	0.000 mg/srv
Mitragynine:	9.88 mg/srv
Sum of Alkaloids:	10.8 mg/srv

KRAT-PREP-001: KRAT-PREP-001: Kratom Potency • Oct 07, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Mitragynine	9.88	29.6	1.90	0.0333/0.405	Speciociliatine			< LOQ	0.0413/0.405
Paynantheine	0.385	1.15	0.0740	0.0238/0.405	7-OH-Mitragynine			ND	0.0304/0.405
Speciogynine	0.273	0.819	0.0525	0.0368/0.405	Mitragynine pseudoindoxyl			ND	0.0497/0.149
Corynantheidine	0.236	0.707	0.0453	0.0516/0.409					

Compliance requirements for this test are taken from No Compliance regulations.

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-BM (Concentrate) • Client: FIX • Batch: Pass



Matrix: Concentrate
Sample ID: ICC-251006-00-007
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.54 g
Serving Size: 0.51 g

Batch Result: Pass

Solvents Pass

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RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Kratom Residual Solvents • Oct 07, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	0.0649/0.195	Pass	Hexane	290	ND	3.25/9.76	Pass
Acetone	5000	ND	23.9/71.8	Pass	Isopropyl alcohol	5000	ND	27.6/82.8	Pass
Acetonitrile	410	ND	4.02/12.1	Pass	Methanol	3000	ND	22.5/67.6	Pass
Benzene	1	ND	0.0191/0.0574	Pass	Methylene chloride	1	ND	5.08/15.2	Pass
Butane	5000	ND	24.8/74.5	Pass	Pentane	5000	ND	23.2/69.7	Pass
Chloroform	1	ND	0.660/1.98	Pass	Propane	5000	ND	18.0/54.1	Pass
Ethanol	5000	ND	20.6/61.9	Pass	Toluene	890	ND	9.67/29.0	Pass
Ethyl acetate	5000	212	25.2/75.7	Pass	Trichloroethylene		ND	0.604/1.81	Pass
Ethylene oxide		ND	1.20/3.59	Pass	o-Xylene		ND	12.1/36.3	N/A
Ethyl ether	5000	ND	29.5/88.6	Pass	p- and m-Xylene		ND	12.5/37.4	N/A
Heptane	5000	ND	27.3/81.8	Pass	Total xylenes	2170	ND		Pass

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-SM (Concentrate) • Client: FIX



Matrix: Concentrate
Sample ID: ICC-251006-00-003
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.58 g
Serving Size: 0.53 g

Tests Taken

Alkaloids

Kratom Overview

7-OH-Mitragynine:	0.000 mg/srv
Mitragynine:	20.5 mg/srv
Sum of Alkaloids:	22.7 mg/srv

KRAT-PREP-001: KRAT-PREP-001: Kratom Potency • Oct 07, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Mitragynine	20.5	61.1	3.87	0.0334/0.407	Speciociliatine	0.294	0.877	0.0555	0.0415/0.407
Paynantheine	0.837	2.50	0.158	0.0238/0.406	7-OH-Mitragynine			ND	0.0305/0.407
Speciogynine	0.546	1.63	0.103	0.0369/0.407	Mitragynine pseudoindoxyl			ND	0.0498/0.150
Corynantheidine	0.511	1.52	0.0964	0.0518/0.410					

Compliance requirements for this test are taken from No Compliance regulations.

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-SM (Concentrate) • Client: FIX • Batch: Pass



Matrix: Concentrate
Sample ID: ICC-251006-00-006
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.57 g
Serving Size: 0.52 g

Batch Result: Pass

Solvents Pass

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RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Kratom Residual Solvents • Oct 07, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	0.0649/0.195	Pass	Hexane	290	ND	3.25/9.76	Pass
Acetone	5000	ND	23.9/71.8	Pass	Isopropyl alcohol	5000	ND	27.6/82.8	Pass
Acetonitrile	410	ND	4.02/12.1	Pass	Methanol	3000	866	22.5/67.6	Pass
Benzene	1	ND	0.0191/0.0574	Pass	Methylene chloride	1	ND	5.08/15.2	Pass
Butane	5000	ND	24.8/74.5	Pass	Pentane	5000	ND	23.2/69.6	Pass
Chloroform	1	ND	0.660/1.98	Pass	Propane	5000	ND	18.0/54.0	Pass
Ethanol	5000	ND	20.6/61.9	Pass	Toluene	890	ND	9.66/29.0	Pass
Ethyl acetate	5000	ND	25.2/75.7	Pass	Trichloroethylene	1	ND	0.604/1.81	Pass
Ethylene oxide	1	ND	1.20/3.59	Pass	o-Xylene	ND	ND	12.1/36.3	N/A
Ethyl ether	5000	ND	29.5/88.5	Pass	p- and m-Xylene	ND	ND	12.5/37.4	N/A
Heptane	5000	ND	27.3/81.8	Pass	Total xylenes	2170	ND		Pass

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM30-VM (Concentrate) • Client: FIX



Matrix: Concentrate
Sample ID: ICC-251006-00-002
Collected on: Oct 07, 2025
Received on: Oct 07, 2025
Batch Size:
Sample Size: 5 Units
Package Size: 1.53 g
Serving Size: 0.51 g

Tests Taken

Alkaloids

Kratom Overview

7-OH-Mitragynine:	0.000 mg/srv
Mitragynine:	9.08 mg/srv
Sum of Alkaloids:	9.88 mg/srv

KRAT-PREP-001: KRAT-PREP-001: Kratom Potency • Oct 07, 2025

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	LOD/LOQ (mg/g)
Mitragynine	9.08	27.2	1.78	0.0335/0.408	Speciociliatine			< LOQ	0.0416/0.408
Paynantheine	0.334	1.00	0.0654	0.0239/0.407	7-OH-Mitragynine			ND	0.0306/0.408
Speciogynine	0.257	0.770	0.0503	0.0370/0.408	Mitragynine pseudoindoxyl			ND	0.0500/0.150
Corynantheidine	0.217	0.650	0.0425	0.0519/0.411					

Compliance requirements for this test are taken from No Compliance regulations.

Certificate of Analysis

Produced: Oct 07, 2025

Sample: FM28-VM (Concentrate) • Client: FIX • Batch: Pass



Matrix: Concentrate
 Sample ID: ICC-251006-00-008
 Collected on: Oct 07, 2025
 Received on: Oct 07, 2025
 Batch Size:
 Sample Size: 5 Units
 Package Size: 1.55 g
 Serving Size: 0.52 g

Batch Result: Pass

Solvents Pass

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RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Kratom Residual Solvents • Oct 07, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	0.0650/0.195	Pass	Hexane	290	ND	3.26/9.79	Pass
Acetone	5000	ND	24.0/71.9	Pass	Isopropyl alcohol	5000	ND	27.7/83.0	Pass
Acetonitrile	410	ND	4.03/12.1	Pass	Methanol	3000	ND	22.6/67.8	Pass
Benzene	1	ND	0.0192/0.0575	Pass	Methylene chloride	1	ND	5.09/15.3	Pass
Butane	5000	ND	24.9/74.7	Pass	Pentane	5000	ND	23.3/69.8	Pass
Chloroform	1	ND	0.662/1.98	Pass	Propane	5000	ND	18.1/54.2	Pass
Ethanol	5000	ND	20.7/62.0	Pass	Toluene	890	ND	9.69/29.1	Pass
Ethyl acetate	5000	102	25.3/75.9	Pass	Trichloroethylene	1	ND	0.605/1.82	Pass
Ethylene oxide	1	ND	1.20/3.60	Pass	o-Xylene	ND	ND	12.1/36.4	N/A
Ethyl ether	5000	ND	29.6/88.8	Pass	p- and m-Xylene	ND	ND	12.5/37.5	N/A
Heptane	5000	ND	27.3/82.0	Pass	Total xylenes	2170	ND		Pass

