



CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):11/12/2024

Batch(s):8241112-9

Received by:JDR

Sample ID #:2411-154

Customer Name/ID:7TABZ Distribution

Date of Analysis/Testing:11/19/2024 - 11/27/24

Product/Sample Name

Tropical

Lot #51124



Final Disposition

PASS

Method Group

Kratom Alkaloids

11/19/2024

Unit Weight (g)0.7542

Concentration (mg 7OH-Mit/Unit)15

Kratom [7OH-Mit] g(g%)1.99%

DispositionN/A

Method Group

Analyte / Property

LOD (mg/g)

LOQ (mg/g)

Results (%)

Results (mg/g)

Results (mg/Unit)

Acceptance Criteria

Disposition

Kratom Alkaloids

Mitragynine

0.125

0.2604

0.02%

0.25

0.19

N/A

7OH-Mitragynine

0.125

0.2604

2.04%

20.45

15.42

Paynantheine

0.125

0.2604

ND

N/A

Speciogynine

0.125

0.2604

ND

N/A

Specioscilitane

0.125

0.2604

ND

N/A

Mitraphylline

0.125

0.2604

ND

N/A

Isorhynchophylline

0.125

0.2604

ND

N/A

Total Alkaloids

2.07%

20.70

15.61

N/A

Method Group

Analyte / Property

LOD (mg/g)

LOQ (mg/g)

Results (ug/g)

Results (ug/Unit)

Limit Amount (ug/g)

Disposition

Volatile Solvents (Category 1)

1,2-Dichloroethane

0.170

0.509

ND

N/A

1

PASS

Benzene

0.021

0.064

ND

N/A

1

PASS

Chloroform

0.036

0.108

ND

N/A

1

PASS

Ethylene Oxide

0.153

0.579

ND

N/A

1

PASS

Methylene Chloride

0.127

0.729

ND

N/A

1

PASS

Trichloroethene

0.018

0.145

ND

N/A

1

PASS

Volatile Solvents (Category 2)

Acetone

17.082

51.246

<LOQ

N/A

5000

PASS

Acetonitrile

0.120

0.359

ND

N/A

410

PASS

Butane

0.971

4.849

ND

N/A

5000

PASS

Ethanol

2.614

7.843

ND

N/A

5000

PASS

Ethyl Acetate

0.313

2.288

206

155

5000

PASS

Diethyl Ether

1.183

3.548

ND

N/A

5000

PASS

Heptane

0.687

2.859

ND

N/A

5000

PASS

Hexane

0.066

0.281

ND

N/A

290

PASS

Isopropanol

1.280

3.840

<LOQ

N/A

5000

PASS

Methanol

2.972

8.917

352

265

3000

PASS

Pentane

0.962

4.271

ND

N/A

5000

PASS

Propane

4.434

13.302

ND

N/A

5000

PASS

Toluene

0.088

0.864

0.818

0.617

890

PASS

Xylenes (-m + -o + -p)

0.216

2.572

ND

N/A

2170

PASS

Method Group

Analyte / Property

LOD (mg/g)

LOQ (mg/g)

Results (ug/g)

Results (ug/Unit)

Limit Amount (ug/g)

Disposition

Heavy Metals

Arsenic

0.003

0.009

0.0213

0.0161

0.2

PASS

Cadmium

0.001

0.002

0.0139

0.0105

0.2

PASS

Lead

0.001

0.004

0.0290

0.0219

0.5

PASS

Mercury

0.005

0.014

ND

N/A

1

PASS

Method Group

Analyte / Property

LOD (CFU/g)

LOQ (CFU/g)

Results (CFU/g)

Results (CFU/Unit)

Limit Amount (CFU/g)

Disposition

Microbiological

Aerobic Plate Count

10

10

ND

N/A

N/A

PASS

Total Coliform Bacteria

10

10

ND

N/A

N/A

PASS

E. Coli

10

10

ND

N/A

N/A

PASS

Yeast & Mold

10

10

ND

N/A

N/A

PASS

Salmonella

10

10

NOT TESTED

N/A

N/A

N/A

NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / 1ug/mL = 1ppm / 1000ug/mL = 1mg/mL / 1% = 10mg/g

Performed by/Date: _____

Checked by/Date: _____

Notes: This Certificate of analysis only reflects data for the samples indicated on this form, as received by NNA in a good condition. There have been no amendments to the data since publishing. This report contains all parts of the complete report.

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