



CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):

2/16/2026

Batch(s):

B260216-7

Received by:

JDR

Sample ID #:

2602-353

Customer Name/ID:

Black Label Distribution LLC

Date of Analysis/Testing:

2/16/2026

Product/ Sample Name

BLACK Grape Tablets

Lot #

N/A



Final Disposition

N/A

Method Group

Kratom Alkaloids

Method ID

WKI-03-0107 HPLC/DAD

Date

2/16/2026

Unit Weight (g)

0.7977

Analyte

Isorhynchophylline

Concentration (mg/Unit)

N/A

Concentration (mg/g)

N/A

Disposition

N/A

Method Group

Kratom Alkaloids

Method ID

WKI-03-0119 GC/MS

Date

2/16/2026

Unit Weight (g)

0.7977

Analyte

Kratom Alkaloids

Concentration (mg/Unit)

N/A

Concentration (mg/g)

N/A

Disposition

N/A

Method Group

Volatile Solvents

Method ID

GC/MS

Date

TBD

Unit Weight (g)

TBD

Analyte

N/A

Concentration (mg/Unit)

N/A

Concentration (mg/g)

N/A

Disposition

N/A

Method Group

Heavy Metals

Method ID

IPC/MS

Date

TBD

Unit Weight (g)

TBD

Analyte

N/A

Concentration (mg/Unit)

N/A

Concentration (mg/g)

N/A

Disposition

N/A

Method Group

Microbials

Method ID

PCR Microbial

Date

TBD

Unit Weight (g)

TBD

Analyte

N/A

Concentration (mg/Unit)

N/A

Concentration (mg/g)

N/A

Disposition

N/A

Method Group

Analyte / Property

LOD (mg/g)

LOQ (mg/g)

Results (%)

Results (mg/g)

Results (mg/Unit)

Acceptance Criteria

Disposition

Cat's Claw Alkaloids

7OH-Mitragynine

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Mitragynine Pseudoindoxyl

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Mitragynine

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Paynantheine

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Speciogynine

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Speciociliatine

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Mitraphylline

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Isorhynchophylline

0.125

0.2604

0.29%

2.92

2.33

N/A

N/A

Corynoxine

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Rhynchophylline

0.125

0.2604

ND

N/A

N/A

N/A

N/A

Total Alkaloids

0.29%

2.92

2.33

N/A

N/A

Method Group

Analyte / Property

LOD (mg/g)

LOQ (mg/g)

Results (%)

Results (mg/g)

Results (mg/Unit)

Acceptance Criteria

Disposition

Kratom Alkaloids WKI-03-0119 GC/MS

Mitragynine**

N/A

N/A

ND

N/A

N/A

N/A

N/A

Mitragynine Pseudoindoxyl**

N/A

N/A

ND

N/A

N/A

N/A

N/A

7OH-Mitragynine**

N/A

N/A

ND

N/A

N/A

N/A

N/A

Paynantheine**

N/A

N/A

ND

N/A

N/A

N/A

N/A

Speciogynine**

N/A

N/A

ND

N/A

N/A

N/A

N/A

Speciociliatine**

N/A

N/A

ND

N/A

N/A

N/A

N/A

Mitraphylline**

N/A

N/A

ND

N/A

N/A

N/A

N/A

Isorhynchophylline**

N/A

N/A

ND

N/A

N/A

N/A

N/A

Rhynchophylline**

N/A

N/A

ND

N/A

N/A

N/A

N/A

MGM15**

N/A

N/A

ND

N/A

N/A

N/A

N/A

Total Alkaloids

N/A

Method Group

Analyte / Property

LOD (mg/g)

LOQ (mg/g)

Results (%)

Results (mg/g)

Results (mg/Unit)

Acceptance Criteria

Disposition

Volatile Solvents (Category 1)

1,2-Dichloroethane

0.170

0.509

NT

N/A

N/A

1

N/A

Benzene

0.021

0.064

NT

N/A

N/A

1

N/A

Chloroform

0.036

0.108

NT

N/A

N/A

1

N/A

Ethylene Oxide

0.153

0.579

NT

N/A

N/A

1

N/A

Methylene Chloride

0.127

0.729

NT

N/A

N/A

1

N/A

Trichloroethene

0.019

0.145

NT

N/A

N/A

1

N/A

Volatile Solvents (Category 2)

Acetone

17.082

51.246

NT

N/A

N/A

5000

N/A

Acetonitrile

0.120

0.359

NT

N/A

N/A

410

N/A

Butane

0.971

4.849

NT

N/A

N/A

5000

N/A

Ethanol

2.614

7.843

NT

N/A

N/A

5000

N/A

Ethyl Acetate

0.313

2.288

NT

N/A

N/A

5000

N/A

Diethyl Ether

1.183

3.548

NT

N/A

N/A

5000

N/A

Heptane

0.687

2.859

NT

N/A

N/A

5000

N/A

Hexane

0.066

0.281

NT

N/A

N/A

290

N/A

Isopropanol

1.280

3.840

NT

N/A

N/A

5000

N/A

Methanol

2.972

8.917

NT

N/A

N/A

3000

N/A

Pentane

0.962

4.271

NT

N/A

N/A

5000

N/A

Propane

4.434

13.302

NT

N/A

N/A

5000

N/A

Toluene

0.088

0.864

NT

N/A

N/A

890

N/A

Xylenes (-m + -o + -p)

0.216

2.572

NT

N/A

N/A

2170

N/A

Method Group

Analyte / Property

LOD (µg/g)

LOQ (µg/g)

Results (µg/g)

Results (µg/Unit)

Limit Amount (µg/g)

Disposition

Heavy Metals

Arsenic

0.003

0.009

NT

N/A

1.50

N/A

Cadmium

0.001

0.002

NT

N/A

0.500

N/A

Lead

0.001

0.004

NT

N/A

0.500

N/A

Mercury

0.005

0.014

NT

N/A

3.00

N/A

Method Group

Analyte / Property

LOD (CFU/g)

LOQ (CFU/g)

Results (CFU/g)

Results (µg/Unit)

Limit Amount (CFU/g)

Disposition

Microbiological

Aerobic Plate Count

10

10

NT

N/A

10,000

N/A

Total Coliform Bacteria

10

10

NT

N/A

100

N/A

Shiga toxin-producing E. coli

10

10

NT

N/A

0

N/A

Salmonella

10

10

NT

N/A

0

N/A

Yeast and Mold

10

10

NT

N/A

1,000

N/A

NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / NT = Not Tested / 1µg/mL = 1ppm / 1000µg/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.

Dihydro-7-hydroxy Mitragynine (MGM-15) and isoquinoline alkaloids reported with an asterisk () on this COA have had their method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item.

All analytes on WKI-03-0119 Kratom Alkaloids by GC/MS reported on this COA with a double asterisk () have had their method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item.

