



Certificate of Analysis
Compliance Test

Client Information:

Monarch Customs

92 corporate park
Irvine, California 92606

Order # MON240409-050001
Order Date: 2024-04-09
Sample # AAFM045
Serving Number: 2.00000

Batch # HH Thick Mints
Batch Date: 2024-04-09
Extracted From: Mushrooms

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

Sampling Date: 2024-04-10
Lab Batch Date: 2024-04-10
Completion Date: 2024-04-17

Initial Gross Weight: 56.000 g

Number of Units: 1
Net Weight per Package: 28500.000 mg
Sampling Method: MSP 7.3.1



Amanita Muscaria
Tested



Psilocin
Tested



Psilocybin
Tested



Amanita Analytes *

Specimen Weight: 5132.600 mg

Tested

SOP 13.058 (LCMS)

Mushroom Potency Summary

| | | | |
|--|--|--|--|
| Total Alkaloids per Package 0.0197% | Total Alkaloids per Serving 5.615mg | Total Alkaloids per Package 0.0197% | Total Alkaloids per Serving 2.808mg |
| Total Amanita Analytes per Package 0.0197% | Total Amanita Analytes per Serving 5.615mg | Total Amanita Analytes per Package 0.0197% | Total Amanita Analytes per Serving 2.808mg |
| Total Psilocybin + Psilocin per Package - | Total Psilocybin + Psilocin per Package Not Detected | Total Psilocybin + Psilocin per Package - | Total Psilocybin + Psilocin per Package Not Detected |

Pieces For Panel: 2

| Analyte | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|---------------|----------|---------|---------------|--------|
| Muscimol | 8.81E-06 | 5.21E-5 | 0.1970 | 0.0197 |
| Ibotenic acid | 1.13E-05 | 5.21E-5 | <LOQ | <LOQ |
| Muscarine | 3.65E-06 | 1.3E-5 | <LOQ | <LOQ |

Prep. By: 1195 Date: 2024-04-13 19:15:56 Analyzed By: 1142 Date: 2024-04-12 14:24:57
Reviewed By: 1010 Date: 2024-04-17 08:15:25 Lab Batch #: AAFM045-415 Date: 2024-04-17 08:15:25



Mushroom Analytes *

Specimen Weight: 398.700 mg

Tested

SOP 13.058 (LCMS)

Pieces For Panel: 2

| Analyte | LOQ (%) | Result (mg/g) | (%) |
|---------------------|----------|---------------|------|
| psilocybin | 0.000375 | <LOQ | <LOQ |
| baeocystin | 0.000225 | <LOQ | <LOQ |
| psilocin | 0.00015 | <LOQ | <LOQ |
| norbaeocystin | 0.000253 | <LOQ | <LOQ |
| norpsilocin | 4.5E-5 | <LOQ | <LOQ |
| aeruginascin | 6.0E-5 | <LOQ | <LOQ |
| 4-hydroxyTMT | 2.38E-5 | <LOQ | <LOQ |
| 4-hydroxytryptamine | 5.65E-5 | <LOQ | <LOQ |
| harmine | 9.38E-5 | <LOQ | <LOQ |
| harmine | 5.63E-5 | <LOQ | <LOQ |

Prep. By: 1195 Date: 2024-04-13 19:16:08 Analyzed By: 1142 Date: 2024-04-12 14:30:36
Reviewed By: 1150 Date: 2024-04-16 15:58:37 Lab Batch #: AAFM045-371 Date: 2024-04-16 15:58:37

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 Sample not received via laboratory sampling.

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 tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.

