



## Certificate of Analysis

## Compliance Test

## Client Information:

Monarch Customs

92 corporate park  
Irvine, California 92606Order # MON240409-050001  
Order Date: 2024-04-09  
Sample # AAFM045  
Serving Number: 2.00000Batch # HH Thick Mints  
Batch Date: 2024-04-09  
Extracted From: MushroomsCultivation Date: 0000-00-00  
Production Date: 0000-00-00Sampling 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)

## 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-hydroxy TMT       | 2.38E-5  | <LOQ          | <LOQ |
| 4-hydroxytryptamine | 5.65E-5  | <LOQ          | <LOQ |
| harmaline           | 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

## Mushroom Potency Summary

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

Aixa 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.

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