



**Certificate of Analysis**  
Compliance Test

Client Information:

**Monarch Customs**  
92 corporate park  
Irvine, California 92606  
Order # MON240409-050001  
Order Date: 2024-04-09  
Sample # AAFM042  
Serving Number: 2.00000

Batch # HH Strawberry Cluster Cake  
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: 59.600 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: 5004.260 mg

**Tested**  
SOP 13.058 (LCMS)

Pieces For Panel: 2

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Muscimol	8.81E-06	5.21E-5	0.1670	0.0167
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 14:22:15  
Reviewed By: 1010 Date: 2024-04-17 07:19:00 Lab Batch #: AAFM042-415 Date: 2024-04-17 07:19:00

**Mushroom Potency Summary**

Total Alkaloids per Package <b>0.0167%</b>	Total Alkaloids per Serving <b>4.76mg</b>	Total Alkaloids per Package <b>0.0167%</b>	Total Alkaloids per Serving <b>2.38mg</b>
Total Amanita Analytes per Package <b>0.0167%</b>	Total Amanita Analytes per Serving <b>4.76mg</b>	Total Amanita Analytes per Package <b>0.0167%</b>	Total Amanita Analytes per Serving <b>2.38mg</b>
Total Psilocybin + Psilocin per Package <b>Not Detected</b>	Total Psilocybin + Psilocin per Serving <b>Not Detected</b>	Total Psilocybin + Psilocin per Package <b>Not Detected</b>	Total Psilocybin + Psilocin per Serving <b>Not Detected</b>



**Mushroom Analytes \***  
Specimen Weight: 401.000 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 #: AAFM042-371 Date: 2024-04-16 15:58:37

*Aixia Sun*  
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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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