



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.

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Certificate of Analysis
Compliance Test

Client Information:

Monarch Customs

92 corporate park
Irvine, California 92606

Order # MON240409-050001
Order Date: 2024-04-09
Sample # AAFM044
Serving Number: 2.00000

Batch # HH Wookie Monsterz
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: 56.500 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: 5079.100 mg

Tested
SOP 13.058 (LCMS)

Pieces For Panel: 2

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Muscimol	8.81E-06	5.21E-5	0.1800	0.018
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 #: AAFM044-415 Date: 2024-04-17 07:19:00



Mushroom Analytes *

Specimen Weight: 398.600 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
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 #: AAFM044-371 Date: 2024-04-16 15:58:37

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Certificate of Analysis
Compliance Test

Client Information:

Monarch Customs
92 corporate park
Irvine, California 92606
Order # MON240409-050001
Order Date: 2024-04-09
Sample # AAFM043
Serving Number: 2.00000

Batch # HH Chocolate Drip Trip
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: 53.200 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: 5040.500 mg

Tested
SOP 13.058 (LCMS)

Pieces For Panel: 2

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Muscimol	8.81E-06	5.21E-5	0.2290	0.0229
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 #: AAFM043-415 Date: 2024-04-17 08:15:25

Mushroom Potency Summary

Total Alkaloids per Package 0.0229%	Total Alkaloids per Serving 3.264mg
Total Amanita Analytes per Package 0.0229%	Total Amanita Analytes per Serving 3.264mg
Total Psilocybin + Psilocin per Package Not Detected	Total Psilocybin + Psilocin per Serving Not Detected



Mushroom Analytes *

Specimen Weight: 403.600 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
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 #: AAFM043-371 Date: 2024-04-16 15:58:37

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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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 0.0167%	4.76mg	Total Alkaloids per Serving 0.0167%	2.38mg
Total Amanita Analytes per Package 0.0167%	4.76mg	Total Amanita Analytes per Serving 0.0167%	2.38mg
Total Psilocybin + Psilocin per Package Not Detected	-	Total Psilocybin + Psilocin per Serving Not Detected	-



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

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Aixia Sun Lab Director/Principal Scientist
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Certificate of Analysis
Compliance Test

Client Information:

Monarch Customs

92 corporate park
Irvine, California 92606

Order # MON240409-050001
Order Date: 2024-04-09
Sample # AAFM041
Serving Number: 2.00000

Batch # HH Cereal Crunch
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: 55.500 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: 5075.680 mg

Tested
SOP 13.058 (LCMS)

Pieces For Panel: 2

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Muscimol	8.81E-06	5.21E-5	0.1720	0.0172
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 #: AAFM041-415 Date: 2024-04-17 07:19:00

Mushroom Potency Summary

Total Alkaloids per Package 0.0172%	Total Alkaloids per Serving 4.902mg	Total Alkaloids per Package 0.0172%	Total Alkaloids per Serving 2.451 mg
Total Amanita Analytes per Package 0.0172%	Total Amanita Analytes per Serving 4.902mg	Total Amanita Analytes per Package 0.0172%	Total Amanita Analytes per Serving 2.451 mg
Total Psilocybin + Psilocin per Package Not Detected	Total Psilocybin + Psilocin per Serving Not Detected	Total Psilocybin + Psilocin per Package Not Detected	Total Psilocybin + Psilocin per Serving Not Detected



Mushroom Analytes *

Specimen Weight: 402.100 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
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 #: AAFM041-371 Date: 2024-04-16 15:58:37

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