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721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

Desert Stardust Mushroom Gummies - Rocket Pop
Sample Matrix: Mushroom Edibles (Ingestion)

# Certificate of Analysis

Compliance Test

Client Information:
**Erth Wellness Inc**
7901 4th St N #8870
St Petersburg, Florida 33702

Batch # 2070426
Batch Date: 2026-01-01
Extracted From: NA

Order # ERT260212-100001
Order Date: 2026-02-12
Sample # AAHK510
Serving Number: 8.00000

Receipt Date: 2026-02-13
Lab Batch Date: 2026-02-13
Orig. Completion Date: 2026-04-29

Initial Gross Weight: 31.000 g

Number of Units: 1
Net Weight per Package: 28000.000 mg
Sampling Method: MSP 7.3.1

**Statement of Amendment: Merging reports; AAHX046 Updated Batch#**




Amanita Muscaria: Tested
DMT Panel: Tested
Psilocin: Tested
Psilocybin: Tested
Pathogenic Microbiology: Passed
Heavy Metals: Passed
Mycotoxins: Passed
Pesticides: Passed
Residual Solvents: Passed

## Amanita Analytes

Sample Weight: 5010.300 mg

Tested
SOP 13.058 (LCMS)

Pieces For Panel: 8

| Analyte | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|---|---|---|---|---|
| Ibotenic acid | 1.13E-05 | 5.21E-5 | <LOQ | <LOQ |
| Muscarine | 3.65E-06 | 1.3E-5 | <LOQ | <LOQ |
| Muscimol | 8.81E-06 | 5.21E-5 | <LOQ | <LOQ |
| Total Amanita Analytes per Package | | | - | - |

**Prep. By:** 1260 **Date:** 2026-08-08 18:08:14 **Analyzed By:** 1263 **Date:** 2026-08-08 13:17:16
**Reviewed By:** 1234 **Date:** 2026-08-14 12:34:31 **Lab Batch #:** AAHK510-415 **Date:** 2026-08-14 12:34:31

## Psilocybe Mushroom Analytes

Sample Weight: 403.030 mg

Tested
SOP 13.058 (LCMS)

Pieces For Panel: 8

| Analyte | LOQ (%) | Result (mg/g) | (%) |
|---|---|---|---|
| psilocybin | 1.267E-5 | <LOQ | <LOQ |
| baeocystin | 1.267E-5 | <LOQ | <LOQ |
| psilocin | 1.267E-5 | <LOQ | <LOQ |
| norbaeocystin | 1.267E-5 | <LOQ | <LOQ |
| norpsilocin | 1.267E-5 | <LOQ | <LOQ |
| aeruginascin | 1.267E-5 | <LOQ | <LOQ |
| 4-hydroxy TMT | 2.38E-5 | <LOQ | <LOQ |
| 4-hydroxytryptamine | 5.65E-5 | <LOQ | <LOQ |
| harmane | 9.38E-5 | <LOQ | <LOQ |
| harmine | 5.63E-5 | <LOQ | <LOQ |
| Total Psilocybin + Psilocin per Package | | - | - |
| Total Psilocybe Mushroom Analytes per Package | | - | - |

**Prep. By:** 1260 **Date:** 2026-02-17 17:21:26 **Analyzed By:** 1142 **Date:** 2026-02-17 13:43:34
**Reviewed By:** 1234 **Date:** 2026-02-24 12:46:23 **Lab Batch #:** AAHK510-371 **Date:** 2026-02-24 12:46:23

## Mushroom Potency Summary

| | |
|---|---|
| Total Alkaloids per Package: - | Total Alkaloids per Serving: - |
| Total Amanita Analytes per Package: - | Total Amanita Analytes per Serving: - |
| Total Psilocybin + Psilocin per Package: - | Total Psilocybin + Psilocin per Serving: - |
| Total Psilocybe Mushroom Analytes per Package: - | Total Psilocybe Mushroom Analytes per Serving: - |

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

ACCREDITED CERT #6786.01

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. ACS uses simple acceptance criteria for contaminant panels. Passed – contaminant analytes/microbes are not detected or are at the level below the action limit per FL rule 5K-4.034. Failed – contaminant analytes/microbes are at the level that is equal to or above the action limit per FL rule 5K-4.034. Client supplied the net weight of mg The results apply to the sample as received. Please note that the analysis and sample image were conducted by an external laboratory. All test results are included in this COA for your reference. External testing COA is available upon request. Revised report- see statement of amendment above.

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QA and Report Issued By: 1057 on 2026-09-04 19:20:45 V3

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Desert Stardust Mushroom Gummies - Rocket Pop
Sample Matrix: Mushroom Edibles (Ingestion)

# Certificate of Analysis

Compliance Test

Client Information:
**Erth Wellness Inc**
7901 4th St N #8870
St Petersburg, Florida 33702

Batch # 2070426
Batch Date: 2026-01-01
Extracted From: NA

Order # ERT260212-100001
Order Date: 2026-02-12
Sample # AAHK510
Serving Number: 8.00000

Receipt Date: 2026-02-13
Lab Batch Date: 2026-02-13
Orig. Completion Date: 2026-04-29

Initial Gross Weight: 31.000 g

Number of Units: 1
Net Weight per Package: 28000.000 mg
Sampling Method: MSP 7.3.1

## DMT Panel *

Tested

Sample Weight: 1.973 g

SOP-002 (Agilent HPLC-DAD)

Dilution Factor: 25.000

| Analyte | LOQ (%) | Result (mg/g) | Analyte | LOQ (%) | Result (mg/g) |
|---|---|---|---|---|---|
| 4-AcO-DMT | 0.000222823 | <LOQ | Bufotenine | 1.267E-5 | <LOQ |
| 4-AcO-MET | 0.000224482 | <LOQ | N,N-Dimethyltryptamine (DMT) | 0.000216474 | <LOQ |
| 4-hydroxy DET | 0.000213997 | 0.0022 | N-NMT | 1.267E-5 | <LOQ |
| 4-propanoyloxy DMT | 0.000222708 | <LOQ | Tryptamine | 1.267E-5 | <LOQ |
| 5-MeO-DMT | 1.267E-5 | <LOQ | Tryptophan | 1.267E-5 | <LOQ |
| Adenosine | 1.267E-5 | <LOQ | | | |

Prep. By: N/A | Date: 2026-09-04 19:20:44 | Analyzed By: N/A | Date: 2026-09-04 19:20:44
Reviewed By: N/A | Date: 2026-09-04 19:20:44 | Lab Batch #: AAHK510-503 | Date: 2026-09-04 19:20:44

## Heavy Metals Florida *

Passed

Sample Weight: 249.900 mg

SOP13.048 (ICP-MS)

Dilution Factor: 200.080

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic (As) | 0.013 | 100 | 1500 | <LOQ | Lead (Pb) | 0.007 | 100 | 500 | <LOQ |
| Cadmium (Cd) | 0.003 | 100 | 500 | <LOQ | Mercury (Hg) | 0.016 | 100 | 3000 | <LOQ |

Prep. By: 1204 | Date: 2026-02-16 09:16:51 | Analyzed By: 1204 | Date: 2026-02-16 09:16:51
Reviewed By: 1256 | Date: 2026-02-18 18:07:04 | Lab Batch #: AAHK510-593 | Date: 2026-02-18 18:07:04

## Microbiology Pathogenic SAE Microarray *

Passed

Sample Weight: 1046.900 mg

SOP13.019 (Micro Array)

Dilution Factor: 1.000

| Analyte | Result (cfu/g) | Analyte | Result (cfu/g) |
|---|---|---|---|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | Passed | Salmonella | Passed |
| Escherichia coli specific gene | Passed | | |

Prep. By: 1204 | Date: 2026-02-15 09:42:25 | Analyzed By: 1204 | Date: 2026-02-15 09:42:25
Reviewed By: 1179 | Date: 2026-02-16 12:24:28 | Lab Batch #: AAHK510-367 | Date: 2026-02-16 12:24:28

## Mycotoxins FL *

Passed

Sample Weight: 609.650 mg

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.460

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| Aflatoxin B1 | 3.0400E-1 | 4.9 | 20 | <LOQ | Aflatoxin G2 | 2.7100E-1 | 4.9 | 20 | <LOQ |
| Aflatoxin B2 | 7.7000E-2 | 4.9 | 20 | <LOQ | Ochratoxin A | 7.5400E-1 | 9.8 | 20 | <LOQ |
| Aflatoxin G1 | 3.0400E-1 | 4.9 | 20 | <LOQ | | | | | |

Prep. By: 1035 | Date: 2026-02-16 19:52:45 | Analyzed By: 1035 | Date: 2026-02-16 19:52:45
Reviewed By: 1222 | Date: 2026-02-18 19:10:03 | Lab Batch #: AAHK510-616 | Date: 2026-02-18 19:10:03

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

Definitions are found on page 1

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Desert Stardust Mushroom Gummies - Rocket Pop
Sample Matrix: Mushroom Edibles (Ingestion)

# Certificate of Analysis

Compliance Test

Client Information:
**Erth Wellness Inc**
7901 4th St N #8870
St Petersburg, Florida 33702

Batch # 2070426
Batch Date: 2026-01-01
Extracted From: NA

Order # ERT260212-100001
Order Date: 2026-02-12
Sample # AAHK510
Serving Number: 8.00000

Receipt Date: 2026-02-13
Lab Batch Date: 2026-02-13
Orig. Completion Date: 2026-04-29

Initial Gross Weight: 31.000 g

Number of Units: 1
Net Weight per Package: 28000.000 mg
Sampling Method: MSP 7.3.1

## Residual Solvents - FL *

**Passed**

Sample Weight: 7.100 mg

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

| Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 0.009 | 0.132 | 8 | <LOQ | Heptane | 0.001 | 8 | 5000 | <LOQ |
| 1,2-Dichloroethane | 0.000 | 0.032 | 2 | <LOQ | Hexane | 0.068 | 0.8 | 250 | <LOQ |
| Acetone | 0.015 | 12 | 750 | <LOQ | Isopropyl alcohol | 0.005 | 8 | 500 | <LOQ |
| Acetonitrile | 0.060 | 0.96 | 60 | <LOQ | Methanol | 0.001 | 4 | 250 | 21.161 |
| Benzene | 0.000 | 0.016 | 1 | <LOQ | Methylene chloride | 0.003 | 2 | 125 | <LOQ |
| Butanes | 0.417 | 13.32 | 5000 | <LOQ | Pentane | 0.037 | 12 | 750 | <LOQ |
| Chloroform | 0.000 | 0.032 | 2 | <LOQ | Propane | 0.031 | 26.668 | 5000 | <LOQ |
| Ethanol | 0.002 | 16 | 5000 | 147.823 | Toluene | 0.001 | 2.4 | 150 | <LOQ |
| Ethyl Acetate | 0.001 | 6.4 | 400 | <LOQ | Total Xylenes | 0.000 | 7.2 | 150 | <LOQ |
| Ethyl Ether | 0.005 | 8 | 500 | <LOQ | Trichloroethylene | 0.001 | 0.4 | 25 | <LOQ |
| Ethylene Oxide | 0.004 | 0.32 | 5 | <LOQ | | | | | |

**Prep. By:** 1051 **Date:** 2026-02-16 16:49:59 **Analyzed By:** 1051 **Date:** 2026-02-16 16:49:59

**Reviewed By:** 1222 **Date:** 2026-02-18 20:15:40 **Lab Batch #:** AAHK510-55 **Date:** 2026-02-18 20:15:40

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

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Sample Matrix: Mushroom Edibles (Ingestion)

# Certificate of Analysis

Compliance Test

Client Information:
**Erth Wellness Inc**
7901 4th St N #8870
St Petersburg, Florida 33702

Batch # 2070426
Batch Date: 2026-01-01
Extracted From: NA

Order # ERT260212-100001
Order Date: 2026-02-12
Sample # AAHK510
Serving Number: 8.00000

Receipt Date: 2026-02-13
Lab Batch Date: 2026-02-13
Orig. Completion Date: 2026-04-29

Initial Gross Weight: 31.000 g

Number of Units: 1
Net Weight per Package: 28000.000 mg
Sampling Method: MSP 7.3.1

## Pesticides *

**Passed**

Sample Weight: 609.650 mg

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.460

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| Abamectin | 3.9900E-1 | 23.3 | 300 | <LOQ | Fludioxonil | 3.6000E-1 | 24.8 | 3000 | <LOQ |
| Acephate | 1.4100E-1 | 24.8 | 3000 | <LOQ | Hexythiazox | 1.1300E-1 | 24.8 | 2000 | <LOQ |
| Acequinocyl | 2.1780E+0 | 24.8 | 2000 | <LOQ | Imazalil | 2.5800E-1 | 24.8 | 100 | <LOQ |
| Acetamiprid | 1.4000E-1 | 24.8 | 3000 | <LOQ | Imidacloprid | 4.0200E-1 | 24.8 | 3000 | <LOQ |
| Aldicarb | 2.0300E-1 | 24.8 | 100 | <LOQ | Kresoxim Methyl | 1.8200E-1 | 24.8 | 1000 | <LOQ |
| Azoxystrobin | 1.8800E-1 | 24.8 | 3000 | <LOQ | Malathion | 2.2300E-1 | 24.8 | 2000 | <LOQ |
| Bifenazate | 8.6000E-2 | 24.8 | 3000 | <LOQ | Metalaxyl | 2.7000E-1 | 24.8 | 3000 | <LOQ |
| Bifenthrin | 1.0000E-1 | 24.8 | 500 | <LOQ | Methiocarb | 1.1800E-1 | 24.8 | 100 | <LOQ |
| Boscalid | 5.9500E-1 | 24.8 | 3000 | <LOQ | Methomyl | 6.4000E-2 | 24.8 | 100 | <LOQ |
| Captan | 1.8500E+0 | 323 | 3000 | <LOQ | methyl-Parathion | 8.2000E-1 | 24.8 | 100 | <LOQ |
| Carbaryl | 1.2200E-1 | 24.8 | 500 | <LOQ | Mevinphos | 9.3000E-2 | 24.8 | 100 | <LOQ |
| Carbofuran | 8.6000E-2 | 24.8 | 100 | <LOQ | Myclobutanil | 5.7300E-1 | 24.8 | 3000 | <LOQ |
| Chlorantraniliprole | 8.4000E-2 | 24.8 | 3000 | <LOQ | Naled | 6.9000E-2 | 24.8 | 500 | <LOQ |
| Chlordane | 1.4100E+0 | 24.8 | 100 | <LOQ | Oxamyl | 4.1000E-2 | 24.8 | 500 | <LOQ |
| Chlorfenapyr | 1.5000E+0 | 24.8 | 100 | <LOQ | Paclobutrazol | 1.8600E-1 | 24.8 | 100 | <LOQ |
| Chlormequat Chloride | 2.0500E-1 | 24.8 | 3000 | <LOQ | Pentachloronitrobenzene | 2.2000E-1 | 24.8 | 200 | <LOQ |
| Chlorpyrifos | 1.0900E-1 | 24.8 | 100 | <LOQ | Permethrin | 6.2400E-1 | 24.8 | 1000 | <LOQ |
| Clofentezine | 2.1200E-1 | 24.8 | 500 | <LOQ | Phosmet | 1.2700E-1 | 24.8 | 200 | <LOQ |
| Coumaphos | 2.0600E-1 | 24.8 | 100 | <LOQ | Piperonylbutoxide | 1.4900E-1 | 24.8 | 3000 | <LOQ |
| Cyfluthrin | 9.8000E-1 | 24.8 | 1000 | <LOQ | Prallethrin | 1.4760E+0 | 24.8 | 400 | <LOQ |
| Cypermethrin | 9.8500E-1 | 24.8 | 1000 | <LOQ | Propiconazole | 2.9400E-1 | 24.8 | 1000 | <LOQ |
| Daminozide | 1.6550E+0 | 24.8 | 100 | <LOQ | Propoxur | 1.0000E-1 | 24.8 | 100 | <LOQ |
| Diazinon | 2.1200E-1 | 24.8 | 200 | <LOQ | Pyrethrins | 6.7000E-2 | 12.9 | 1000 | <LOQ |
| Dichlorvos | 1.1300E+0 | 24.8 | 100 | <LOQ | Pyridaben | 1.4000E-1 | 24.8 | 3000 | <LOQ |
| Dimethoate | 6.3000E-2 | 24.8 | 100 | <LOQ | Spinetoram | 4.2400E-1 | 24.8 | 3000 | <LOQ |
| Dimethomorph | 2.5810E+0 | 24.8 | 3000 | <LOQ | Spinosad | 2.8000E-2 | 24.8 | 3000 | <LOQ |
| Ethoprophos | 1.5100E-1 | 24.8 | 100 | <LOQ | Spiromesifen | 1.2000E-1 | 24.8 | 3000 | <LOQ |
| Etofenprox | 1.7200E-1 | 24.8 | 100 | <LOQ | Spirotetramat | 2.1100E-1 | 24.8 | 3000 | <LOQ |
| Etoxazole | 8.6600E-1 | 24.8 | 1500 | <LOQ | Spiroxamine | 5.3300E-1 | 24.8 | 100 | <LOQ |
| Fenhexamid | 5.8800E-1 | 24.8 | 3000 | <LOQ | Tebuconazole | 2.3000E-1 | 24.8 | 1000 | <LOQ |
| Fenoxycarb | 2.7400E-1 | 24.8 | 100 | <LOQ | Thiacloprid | 1.7000E-1 | 24.8 | 100 | <LOQ |
| Fenpyroximate | 1.9800E-1 | 24.8 | 2000 | <LOQ | Thiamethoxam | 1.7900E-1 | 24.8 | 1000 | <LOQ |
| Fipronil | 3.1700E-1 | 24.8 | 100 | <LOQ | Trifloxystrobin | 1.3400E-1 | 24.8 | 3000 | <LOQ |
| Flonicamid | 4.6600E-1 | 24.8 | 2000 | <LOQ | | | | | |

**Prep. By:** 1035 **Date:** 2026-02-16 19:52:45 **Analyzed By:** 1035 **Date:** 2026-02-16 19:52:45

**Reviewed By:** 1222 **Date:** 2026-02-18 19:10:03 **Lab Batch #:** AAHK510-202 **Date:** 2026-02-18 19:10:03

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

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