



|                   |                         |                  |              |
|-------------------|-------------------------|------------------|--------------|
| Sample ID         | SD250925-090 (123898)   | Matrix           | Edible       |
| Tested for        | ASTRO 8                 |                  |              |
| Sampled           | -                       | Received         | Sep 25, 2025 |
| Analyses executed | 4AD, AMU, TRY, PSY, FPT | Unit Mass (g)    | 6.105        |
|                   |                         | Reported         | Oct 13, 2025 |
|                   |                         | Num. of Servings | 3            |
|                   |                         | Serving Size (g) | 2.04         |

4AD - 4AD Tryptamines

Analyzed Sep 30, 2025 | Instrument HPLC VWD | Method SOP-4AD  
The expanded Uncertainty of the 4AD Tryptamines analysis is approximately ±7.806% at the 95% Confidence Level

| Analyte                      | LOD ppm | LOQ ppm | Result % | Result mg/g | Result mg/Serving | Result mg/Unit |
|------------------------------|---------|---------|----------|-------------|-------------------|----------------|
| Mescaline (MESC)             | 0.19    | 0.584   | ND       | ND          | ND                | ND             |
| n,n Dimethyltryptamine (DMT) | 0.015   | 0.048   | ND       | ND          | ND                | ND             |
| Psilacetin (PSLA)            | 0.015   | 0.044   | ND       | ND          | ND                | ND             |
| 4-Hydroxy-DET (4-HO-DET)     | 0.014   | 0.042   | ND       | ND          | ND                | ND             |
| 4-Acetoxy-MET (4-AcO-MET)    | 0.018   | 0.053   | ND       | ND          | ND                | ND             |
| 4-Acetoxy-DET (4-AcO-DET)    | 0.004   | 0.011   | ND       | ND          | ND                | ND             |
| 4-Bromo-DMP (2C-B)           | 0.19    | 0.576   | ND       | ND          | ND                | ND             |

AMU - Amanita Muscaria

Analyzed Sep 30, 2025 | Instrument HPLC VWD | Method SOP-039 AMU  
The expanded Uncertainty of the Amanita Muscaria analysis is approximately ±7.806% at the 95% Confidence Level

| Analyte              | LOD ppm | LOQ ppm | Result % | Result mg/g | Result mg/Serving | Result mg/Unit |
|----------------------|---------|---------|----------|-------------|-------------------|----------------|
| Ibotenic Acid (IBOa) | 1.025   | 3.105   | ND       | ND          | ND                | ND             |
| Muscimol (MUOL)      | 0.19    | 0.576   | ND       | ND          | ND                | ND             |

TRY - Tryptamine

Analyzed Oct 01, 2025 | Instrument HPLC VWD | Method SOP-TRY  
The expanded Uncertainty of the Tryptamine analysis is approximately ±7.806% at the 95% Confidence Level

| Analyte              | LOD ppm | LOQ ppm | Result % | Result mg/g | Result mg/Serving | Result mg/Unit |
|----------------------|---------|---------|----------|-------------|-------------------|----------------|
| Norbaeocystin (NORB) | 0.01    | 0.029   | ND       | ND          | ND                | ND             |
| Baeocystin (BAEO)    | 0.01    | 0.029   | ND       | ND          | ND                | ND             |
| Aeruginascin (AERU)  | 0.007   | 0.022   | ND       | ND          | ND                | ND             |
| Norpsilocin (NORP)   | 0.003   | 0.009   | ND       | ND          | ND                | ND             |

PSY - Psilocybin & Psilocin

Analyzed Sep 30, 2025 | Instrument HPLC VWD | Method SOP-PSY  
The expanded Uncertainty of the Psilocybin & Psilocin analysis is approximately ±7.806% at the 95% Confidence Level

| Analyte           | LOD ppm | LOQ ppm | Result % | Result mg/g | Result mg/Serving | Result mg/Unit |
|-------------------|---------|---------|----------|-------------|-------------------|----------------|
| Psilocybin (PSCY) | 0.007   | 0.019   | ND       | ND          | ND                | ND             |
| Psilocin (PSCI)   | 0.003   | 0.009   | ND       | ND          | ND                | ND             |

HME - Heavy Metals

Analyzed Oct 06, 2025 | Instrument ICP/MSMS | Method SOP-005

| Analyte      | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0009   | 0.0027   | ND          | 1.5        |
| Cadmium (Cd) | 0.0005   | 0.0015   | 0.00        | 0.5        |
| Mercury (Hg) | 0.0058   | 0.0174   | ND          | 3          |
| Lead (Pb)    | 0.0006   | 0.0018   | ND          | 0.5        |

MIBNIG - Microbial

Analyzed Oct 02, 2025 | Instrument Plating | Method SOP-007

| Analyte                                | LOD CFU/g | LOQ CFU/g | Result CFU/g | Limit CFU/g |
|----------------------------------------|-----------|-----------|--------------|-------------|
| Shiga toxin-producing Escherichia Coli | 1.0       | 1.0       | ND           | 1           |
| Salmonella spp.                        | 1.0       | 1.0       | ND           | 1           |

MTO - Mycotoxin

Analyzed Oct 03, 2025 | Instrument LC/MSMS | Method SOP-004

| Analyte      | LOD ug/kg | LOQ ug/kg | Result ug/kg | Limit ug/kg | Analyte          | LOD ug/kg | LOQ ug/kg | Result ug/kg | Limit ug/kg |
|--------------|-----------|-----------|--------------|-------------|------------------|-----------|-----------|--------------|-------------|
| Ochratoxin A | 5.0       | 20.0      | ND           | 20          | Aflatoxin B1     | 2.5       | 5.0       | ND           | -           |
| Aflatoxin B2 | 2.5       | 5.0       | ND           | -           | Aflatoxin G1     | 2.5       | 5.0       | ND           | -           |
| Aflatoxin G2 | 2.5       | 5.0       | ND           | -           | Total Aflatoxins | 10.0      | 20.0      | ND           | 20          |

UI Unidentified  
ND Not Detected  
N/A Not Applicable  
NT Not Reported  
LOD Limit of Detection  
LOQ Limit of Quantification  
<LOQ Detected  
>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
TNTC Too Numerous to Count



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Authorized Signature

Brandon Starr

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Mon, 13 Oct 2025 14:17:19 -0700

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PES - Pesticides

Analyzed Oct 06, 2025 | Instrument LC/MSMS GC/MSMS | Method SOP-003

| Analyte                 | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte               | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|-------------------------|----------|----------|-------------|------------|-----------------------|----------|----------|-------------|------------|
| Aldicarb                | 0.01     | 0.02     | ND          |            | Carbofuran            | 0.01     | 0.02     | ND          |            |
| Dimethoate              | 0.01     | 0.02     | ND          |            | Etofenprox            | 0.02     | 0.1      | ND          |            |
| Fenoxycarb              | 0.01     | 0.02     | ND          |            | Thiachloprid          | 0.01     | 0.02     | ND          |            |
| Daminozide              | 0.01     | 0.03     | ND          |            | Dichlorvos            | 0.02     | 0.07     | ND          |            |
| Imazalil                | 0.02     | 0.07     | ND          |            | Methiocarb            | 0.01     | 0.02     | ND          |            |
| Spiroxamine             | 0.01     | 0.02     | ND          |            | Coumaphos             | 0.01     | 0.02     | ND          |            |
| Fipronil                | 0.01     | 0.1      | ND          |            | Paclobutrazol         | 0.01     | 0.03     | ND          |            |
| Chlorpyrifos            | 0.01     | 0.04     | ND          |            | Ethoprophos (Prophos) | 0.01     | 0.02     | ND          |            |
| Baygon (Propoxur)       | 0.01     | 0.02     | ND          |            | Chlordane             | 0.04     | 0.1      | ND          |            |
| Chlorfenapyr            | 0.03     | 0.1      | ND          |            | Methyl Parathion      | 0.02     | 0.1      | ND          |            |
| Mevinphos               | 0.03     | 0.08     | ND          |            | Abamectin             | 0.03     | 0.08     | ND          |            |
| Acephate                | 0.02     | 0.05     | ND          |            | Acetamiprid           | 0.01     | 0.05     | ND          |            |
| Azoxystrobin            | 0.01     | 0.02     | ND          |            | Bifenazate            | 0.01     | 0.05     | ND          |            |
| Bifenthrin              | 0.02     | 0.35     | ND          |            | Boscalid              | 0.01     | 0.03     | ND          |            |
| Carbaryl                | 0.01     | 0.02     | ND          |            | Chlorantranilprole    | 0.01     | 0.04     | ND          |            |
| Clofentezine            | 0.01     | 0.03     | ND          |            | Diazinon              | 0.01     | 0.02     | ND          |            |
| Dimethomorph            | 0.02     | 0.06     | ND          |            | Etoazole              | 0.01     | 0.05     | ND          |            |
| Fenproximate            | 0.02     | 0.1      | ND          |            | Flonicamid            | 0.01     | 0.02     | ND          |            |
| Fludioxonil             | 0.01     | 0.05     | ND          |            | Hexythiazox           | 0.01     | 0.03     | ND          |            |
| Imidacloprid            | 0.01     | 0.05     | ND          |            | Kresoxim-methyl       | 0.01     | 0.03     | ND          |            |
| Malathion               | 0.01     | 0.05     | ND          |            | Metaxalyl             | 0.01     | 0.02     | ND          |            |
| Methomyl                | 0.02     | 0.05     | ND          |            | Myclobutanil          | 0.02     | 0.07     | ND          |            |
| Naled                   | 0.01     | 0.02     | ND          |            | Oxamyl                | 0.01     | 0.02     | ND          |            |
| Permethrin              | 0.01     | 0.02     | ND          |            | Phosmet               | 0.01     | 0.02     | ND          |            |
| Piperonyl Butoxide      | 0.02     | 0.06     | ND          |            | Propiconazole         | 0.03     | 0.08     | ND          |            |
| Prallethrin             | 0.02     | 0.05     | ND          |            | Pyrethrin             | 0.05     | 0.41     | ND          |            |
| Pyridaben               | 0.02     | 0.07     | ND          |            | Spinosad A            | 0.01     | 0.05     | ND          |            |
| Spinosad D              | 0.01     | 0.05     | ND          |            | Spiromesifen          | 0.02     | 0.06     | ND          |            |
| Spirotetramat           | 0.01     | 0.02     | ND          |            | Tebuconazole          | 0.01     | 0.02     | ND          |            |
| Thiamethoxam            | 0.01     | 0.02     | ND          |            | Trifloxystrobin       | 0.01     | 0.02     | ND          |            |
| Acequinocyl             | 0.02     | 0.09     | ND          |            | Captan                | 0.01     | 0.02     | ND          |            |
| Cypermethrin            | 0.02     | 0.1      | ND          |            | Cyfluthrin            | 0.04     | 0.1      | ND          |            |
| Fenhexamid              | 0.02     | 0.07     | ND          |            | Spinetoram J,L        | 0.02     | 0.07     | ND          |            |
| Pentachloronitrobenzene | 0.01     | 0.1      | ND          |            |                       |          |          |             |            |

RES - Residual Solvents

Analyzed Oct 02, 2025 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

| Analyte                    | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte                      | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|----------------------------|----------|----------|-------------|------------|------------------------------|----------|----------|-------------|------------|
| Propane (Prop)             | 0.044    | 0.4      | ND          | 5000       | Butane (But)                 | 0.02     | 0.4      | ND          | 5000       |
| Methanol (Metha)           | 1.176    | 3.92     | 124.0       | 3000       | Ethylene Oxide (EthOx)       | 0.08     | 0.4      | ND          | 1          |
| Pentane (Pen)              | 0.024    | 0.4      | ND          | 5000       | Ethanol (Ethanol)            | 0.048    | 0.4      | 432.1       | 5000       |
| Ethyl Ether (EthEt)        | 0.036    | 0.4      | <LOQ        | 5000       | Acetone (Acet)               | 0.044    | 0.4      | <LOQ        | 5000       |
| Isopropanol (2-Pro)        | 1.16     | 3.868    | <LOQ        | 5000       | Acetonitrile (Acetonit)      | 0.888    | 2.952    | <LOQ        | 410        |
| Methylene Chloride (MetCh) | 0.04     | 0.4      | ND          | 1          | Hexane (Hex)                 | 0.012    | 0.4      | ND          | 290        |
| Ethyl Acetate (EthAc)      | 0.032    | 0.4      | ND          | 5000       | Chloroform (Clo)             | 0.028    | 0.4      | ND          | 1          |
| Benzene (Ben)              | 0.012    | 0.4      | ND          | 1          | 1-2-Dichloroethane (12-Dich) | 0.024    | 0.4      | ND          | 1          |
| Heptane (Hep)              | 0.012    | 0.4      | ND          | 5000       | Trichloroethylene (TriClEth) | 0.072    | 0.4      | ND          | 1          |
| Toluene                    | 0.036    | 0.4      | ND          | 890        | Xylenes (Xyl)                | 0.012    | 0.4      | ND          | 2170       |

UI Unidentified  
ND Not Detected  
N/A Not Applicable  
NT Not Reported  
LOD Limit of Detection  
LOQ Limit of Quantification  
<LOQ Detected  
>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
TNTC Too Numerous to Count



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*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
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