



## Certificate of Analysis

Compliance Test

|                                                                                                                                                              |                                                                                                                         |                                                                                       |                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Client Information:</b><br><b>Puff Panda</b><br>9936 Princeton Glendale RD<br>West Chester Township, OH 45246                                             | <b>Manufactured by:</b><br><b>USA HEMP SOLUTIONS</b><br>Food Entity Number # 393546<br>2630 W 81ST<br>HIALEAH, FL 33016 | <b>Batch #</b> 156495<br><b>Batch Date:</b> 2025-06-24<br><b>Extracted From:</b> Hemp | <b>Test Reg State:</b> Florida<br><b>Food Permit #:</b> 393546                                            |
| <b>Order #</b> PUF250624-240001<br><b>Order Date:</b> 2025-06-24<br><b>Sample #</b> AAGV848<br><b>Statement of Amendment:</b> Report format; Merging Reports | <b>Sampling Date:</b> 2025-06-26<br><b>Lab Batch Date:</b> 2025-06-26<br><b>Orig. Completion Date:</b> 2025-07-03       | <b>Initial Gross Weight:</b> 25.100 g                                                 | <b>Number of Units:</b> 2<br><b>Net Weight per Unit:</b> 6000.000 mg<br><b>Sampling Method:</b> MSP 7.3.1 |



Product Image



**Potency**  
Tested



**Heavy Metals**  
Passed



**2,3-Butanedione**  
Passed



**Mycotoxins**  
Passed



**Pesticides**  
Passed



**Residual Solvents**  
Passed



**Pathogenic**  
Passed



**Microbiology (qPCR)**  
Passed



**Vitamin E**  
Passed

### Potency 25 (LCUV)

Specimen Weight: 506.460 mg

### Tested

SOP13.001 (LCUV)

| Analyte               | Dilution (1:n) | LOD (mg/g) | LOQ (%) | Result (mg/g) | (%)     |
|-----------------------|----------------|------------|---------|---------------|---------|
| Delta-8 THC           | 50.000         | 2.60E-5    | 0.015   | 721.6300      | 72.1630 |
| Delta9-THCP           | 50.000         | 1.17E-5    | 0.012   | 77.3400       | 7.7340  |
| CBN                   | 50.000         | 1.40E-5    | 0.015   | 7.6200        | 0.7620  |
| Delta-8 THCV          | 50.000         | 4.00E-5    | 0.015   | 6.2000        | 0.6200  |
| CBNA                  | 50.000         | 9.50E-5    | 0.015   | 4.6100        | 0.4610  |
| CBT                   | 50.000         | 2.00E-4    | 0.015   | 4.3200        | 0.4320  |
| CBD                   | 50.000         | 5.40E-5    | 0.015   | 4.2200        | 0.4220  |
| CBC                   | 50.000         | 1.80E-5    | 0.015   | 2.1600        | 0.2160  |
| Delta8-THCP           | 50.000         | 3.75E-4    | 0.015   | 2.1500        | 0.2150  |
| CBL                   | 50.000         | 3.50E-5    | 0.015   | 0.8200        | 0.0820  |
| CBG                   | 50.000         | 2.48E-4    | 0.015   | 0.5100        | 0.0510  |
| THCVA                 | 50.000         | 4.70E-5    | 0.015   | 0.3600        | 0.0360  |
| CBCA                  | 50.000         | 1.07E-4    | 0.015   | <LOQ          | <LOQ    |
| CBDA                  | 50.000         | 1.00E-5    | 0.015   | <LOQ          | <LOQ    |
| CBDV                  | 50.000         | 6.50E-5    | 0.015   | <LOQ          | <LOQ    |
| CBDVA                 | 50.000         | 1.40E-5    | 0.015   | <LOQ          | <LOQ    |
| CBGA                  | 50.000         | 8.00E-5    | 0.015   | <LOQ          | <LOQ    |
| Delta-8 THC-O Acetate | 50.000         | 2.70E-5    | 0.025   | <LOQ          | <LOQ    |
| Delta-9 THC           | 50.000         | 1.30E-5    | 0.015   | <LOQ          | <LOQ    |
| Delta-9 THC-O Acetate | 50.000         | 7.70E-5    | 0.025   | <LOQ          | <LOQ    |
| Exo-THC               | 50.000         | 2.30E-4    | 0.015   | <LOQ          | <LOQ    |
| THCA-A                | 50.000         | 3.20E-5    | 0.015   | <LOQ          | <LOQ    |
| THCB                  | 50.000         | 1.80E-4    | 0.0163  | <LOQ          | <LOQ    |
| THCH                  | 50.000         | 3.50E-4    | 0.0163  | <LOQ          | <LOQ    |
| THCV                  | 50.000         | 7.00E-6    | 0.015   | <LOQ          | <LOQ    |
| Total Active CBD      | 50.000         |            |         | 4.220         | 0.422   |
| Total Active THC      | 50.000         |            |         | <LOQ          | <LOQ    |



### Potency Summary

|                                                  |                                                |
|--------------------------------------------------|------------------------------------------------|
| <b>Total Active THC</b><br>None Detected         | <b>Total Active CBD</b><br>0.422% 25.320 mg    |
| <b>Total CBG</b><br>0.051% 3.060 mg              | <b>Total CBN</b><br>1.166% 69.960 mg           |
| <b>Total Cannabinoids</b><br>83.194% 4991.640 mg | <b>Total DELTA-8-THC</b><br>72.163% 4329.78 mg |

The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.

Aixa Sun

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.867), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Client supplied the net weight of mg The results apply to the sample as received. Revised report- see statement of amendment above.

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## Certificate of Analysis

Compliance Test

|                                                                                                                  |                                                                                                                   |                                                                                                                         |                                                                                                           |                                                                |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Client Information:</b><br><b>Puff Panda</b><br>9936 Princeton Glendale RD<br>West Chester Township, OH 45246 |                                                                                                                   | <b>Manufactured by:</b><br><b>USA HEMP SOLUTIONS</b><br>Food Entity Number # 393546<br>2630 W 81ST<br>HIALEAH, FL 33016 | <b>Batch #</b> 156495<br><b>Batch Date:</b> 2025-06-24<br><b>Extracted From:</b> Hemp                     | <b>Test Reg State:</b> Florida<br><b>Food Permit #:</b> 393546 |
| <b>Order #</b> PUF250624-240001<br><b>Order Date:</b> 2025-06-24<br><b>Sample #</b> AAGV848                      | <b>Sampling Date:</b> 2025-06-26<br><b>Lab Batch Date:</b> 2025-06-26<br><b>Orig. Completion Date:</b> 2025-07-03 | <b>Initial Gross Weight:</b> 25.100 g                                                                                   | <b>Number of Units:</b> 2<br><b>Net Weight per Unit:</b> 6000.000 mg<br><b>Sampling Method:</b> MSP 7.3.1 |                                                                |

**E Vitamin E (Tocopheryl Acetate)** **Passed**  
Specimen Weight: 601.400 mg SOP13.007 (LCMS)

Dilution Factor: 2.490

| Analyte                                | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|----------------------------------------|-----------|-----------|--------------------|--------------|
| Tocopheryl Acetate (Vitamin E Acetate) | .705      | 500       | 500                | <LOQ         |

**H Heavy Metals** **Passed**  
Specimen Weight: 254.700 mg SOP13.048 (ICP-MS)

Dilution Factor: 196

| Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | 4.83      | 100       | 200                | <LOQ         | Lead (Pb)    | 11.76     | 100       | 500                | <LOQ         |
| Cadmium (Cd) | .64       | 100       | 200                | <LOQ         | Mercury (Hg) | .58       | 100       | 200                | <LOQ         |

**\* Mycotoxins** **Passed**  
Specimen Weight: 601.400 mg SOP13.007 (LCMS)

Dilution Factor: 2.490

| 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 | 6         | 20                 | <LOQ         | Aflatoxin G2 | 2.7100E-1 | 6         | 20                 | <LOQ         |
| Aflatoxin B2 | 7.7000E-2 | 6         | 20                 | <LOQ         | Ochratoxin A | 7.5400E-1 | 3.8       | 20                 | <LOQ         |
| Aflatoxin G1 | 3.0400E-1 | 6         | 20                 | <LOQ         |              |           |           |                    |              |

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

Definitions are found on page 1

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| <b>Order #</b> PUF250624-240001<br><b>Order Date:</b> 2025-06-24<br><b>Sample #</b> AAGV848                      |  | <b>Sampling Date:</b> 2025-06-26<br><b>Lab Batch Date:</b> 2025-06-26<br><b>Orig. Completion Date:</b> 2025-07-03       |  | <b>Initial Gross Weight:</b> 25.100 g<br><b>Number of Units:</b> 2<br><b>Net Weight per Unit:</b> 6000.000 mg<br><b>Sampling Method:</b> MSP 7.3.1 |                                                                |



### Residual Solvents - FL (CBD)

Specimen Weight: 15.300 mg

**Passed**  
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 | 0.0094    | 0.16      | 8                  | <LOQ         | Heptane            | 0.0013    | 1.39      | 5000               | <LOQ         |
| 1,2-Dichloroethane | 0.0003    | 0.04      | 2                  | <LOQ         | Hexane             | 0.068     | 1.17      | 290                | <LOQ         |
| Acetone            | 0.015     | 2.08      | 5000               | <LOQ         | Isopropyl alcohol  | 0.0048    | 1.39      | 500                | <LOQ         |
| Acetonitrile       | 0.06      | 1.17      | 410                | <LOQ         | Methanol           | 0.0005    | 0.69      | 3000               | <LOQ         |
| Benzene            | 0.0002    | 0.02      | 2                  | <LOQ         | Methylene chloride | 0.0029    | 2.43      | 600                | <LOQ         |
| Butanes            | 0.4167    | 2.5       | 2000               | <LOQ         | Pentane            | 0.037     | 2.08      | 5000               | <LOQ         |
| Chloroform         | 0.0001    | 0.04      | 60                 | <LOQ         | Propane            | 0.031     | 5.83      | 2100               | <LOQ         |
| Ethanol            | 0.0021    | 2.78      | 5000               | <LOQ         | Toluene            | 0.0009    | 2.92      | 890                | <LOQ         |
| Ethyl Acetate      | 0.0012    | 1.11      | 5000               | <LOQ         | Total Xylenes      | 0.0001    | 2.92      | 2170               | <LOQ         |
| Ethyl Ether        | 0.0049    | 1.39      | 5000               | <LOQ         | Trichloroethylene  | 0.0014    | 0.49      | 80                 | <LOQ         |
| Ethylene Oxide     | 0.0038    | 0.1       | 5                  | <LOQ         |                    |           |           |                    |              |

*Aixia Sun*

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| <b>Order #</b> PUF250624-240001<br><b>Order Date:</b> 2025-06-24<br><b>Sample #</b> AAGV848                      | <b>Sampling Date:</b> 2025-06-26<br><b>Lab Batch Date:</b> 2025-06-26<br><b>Orig. Completion Date:</b> 2025-07-03 | <b>Initial Gross Weight:</b> 25.100 g                                                                                   |  | <b>Number of Units:</b> 2<br><b>Net Weight per Unit:</b> 6000.000 mg<br><b>Sampling Method:</b> MSP 7.3.1 |                                                                |

**Pesticides**  
Specimen Weight: 601.400 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 2.490

| Analyte              | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte                 | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|----------------------|-----------|-----------|--------------------|--------------|-------------------------|-----------|-----------|--------------------|--------------|
| Abamectin            | 2.8800E-1 | 28.23     | 100                | <LOQ         | Fludioxonil             | 1.7400E+0 | 48        | 100                | <LOQ         |
| Acephate             | 2.3000E-2 | 30        | 100                | <LOQ         | Hexythiazox             | 4.9000E-2 | 30        | 100                | <LOQ         |
| Acequinocyl          | 9.5640E+0 | 48        | 100                | <LOQ         | Imazalil                | 2.4800E-1 | 30        | 100                | <LOQ         |
| Acetamiprid          | 5.2000E-2 | 30        | 100                | <LOQ         | Imidacloprid            | 9.4000E-2 | 30        | 400                | <LOQ         |
| Aldicarb             | 2.6000E-2 | 30        | 100                | <LOQ         | Kresoxim Methyl         | 4.2000E-2 | 30        | 100                | <LOQ         |
| Azoxystrobin         | 8.1000E-2 | 10        | 100                | <LOQ         | Malathion               | 8.2000E-2 | 30        | 200                | <LOQ         |
| Bifenazate           | 1.4150E+0 | 30        | 100                | <LOQ         | Metalaxyl               | 8.1000E-2 | 10        | 100                | <LOQ         |
| Bifenthrin           | 4.3000E-2 | 30        | 200                | <LOQ         | Methiocarb              | 3.2000E-2 | 30        | 100                | <LOQ         |
| Boscalid             | 5.5000E-2 | 10        | 100                | <LOQ         | Methomyl                | 2.2000E-2 | 30        | 100                | <LOQ         |
| Captan               | 6.1200E+0 | 30        | 700                | <LOQ         | methyl-Parathion        | 1.7100E+0 | 10        | 100                | <LOQ         |
| Carbaryl             | 2.2000E-2 | 10        | 500                | <LOQ         | Mevinphos               | 2.1500E+0 | 10        | 100                | <LOQ         |
| Carbofuran           | 3.4000E-2 | 10        | 100                | <LOQ         | MGK-264                 | 5.8500E-1 | 10        | 100                | <LOQ         |
| Chlorantraniliprole  | 3.3000E-2 | 10        | 1000               | <LOQ         | Myclobutanil            | 1.0290E+0 | 30        | 100                | <LOQ         |
| Chlordane            | 1.0000E+1 | 10        | 100                | <LOQ         | Naled                   | 9.5000E-2 | 30        | 250                | <LOQ         |
| Chlorfenapyr         | 3.4000E-2 | 30        | 100                | <LOQ         | Oxamyl                  | 2.5000E-2 | 30        | 500                | <LOQ         |
| Chlormequat Chloride | 1.0800E-1 | 10        | 1000               | <LOQ         | Paclobutrazol           | 6.5000E-2 | 30        | 100                | <LOQ         |
| Chlorpyrifos         | 3.5000E-2 | 30        | 100                | <LOQ         | Pentachloronitrobenzene | 1.3200E+0 | 10        | 150                | <LOQ         |
| cis-Chlordane        | 1.0000E+1 | 10        | 100                | <LOQ         | Permethrin              | 3.4300E-1 | 30        | 100                | <LOQ         |
| Clofentezine         | 1.1900E-1 | 30        | 200                | <LOQ         | Phosmet                 | 8.2000E-2 | 30        | 100                | <LOQ         |
| Coumaphos            | 3.7700E+0 | 48        | 100                | <LOQ         | Piperonylbutoxide       | 2.9000E-2 | 30        | 3000               | <LOQ         |
| Cyfluthrin           | 3.1100E+0 | 30        | 500                | <LOQ         | Prallethrin             | 7.9800E-1 | 30        | 100                | <LOQ         |
| Cypermethrin         | 1.4490E+0 | 30        | 500                | <LOQ         | Propiconazole           | 7.0000E-2 | 30        | 100                | <LOQ         |
| Daminozide           | 8.8500E-1 | 30        | 100                | <LOQ         | Propoxur                | 4.6000E-2 | 30        | 100                | <LOQ         |
| Diazinon             | 4.4000E-2 | 30        | 100                | <LOQ         | Pyrethrins              | 2.3593E+1 | 30        | 500                | <LOQ         |
| Dichlorvos           | 2.1820E+0 | 30        | 100                | <LOQ         | Pyridaben               | 3.2000E-2 | 30        | 200                | <LOQ         |
| Dimethoate           | 2.1000E-2 | 30        | 100                | <LOQ         | Spinetoram              | 8.0000E-2 | 10        | 200                | <LOQ         |
| Dimethomorph         | 5.8300E+0 | 48        | 200                | <LOQ         | Spinosad                | 8.8000E-2 | 30        | 100                | <LOQ         |
| Ethoprophos          | 3.6000E-1 | 30        | 100                | <LOQ         | Spiromesifen            | 2.6100E-1 | 30        | 100                | <LOQ         |
| Etofenprox           | 1.1600E-1 | 30        | 100                | <LOQ         | Spirotetramat           | 8.9000E-2 | 30        | 100                | <LOQ         |
| Etoxazole            | 9.5000E-2 | 30        | 100                | <LOQ         | Spiroxamine             | 1.3100E-1 | 30        | 100                | <LOQ         |
| Fenhexamid           | 5.1000E-1 | 10        | 100                | <LOQ         | Tebuconazole            | 6.7000E-2 | 30        | 100                | <LOQ         |
| Fenoxycarb           | 1.0700E-1 | 30        | 100                | <LOQ         | Thiacloprid             | 6.4000E-2 | 30        | 100                | <LOQ         |
| Fenpyroximate        | 1.3800E-1 | 30        | 100                | <LOQ         | Thiamethoxam            | 5.0000E-2 | 30        | 500                | <LOQ         |
| Fipronil             | 1.0700E-1 | 30        | 100                | <LOQ         | trans-Chlordane         | 1.0000E+1 | 10        | 100                | <LOQ         |
| Flonicamid           | 5.1700E-1 | 30        | 100                | <LOQ         | Trifloxystrobin         | 3.7000E-2 | 30        | 100                | <LOQ         |

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