



**Certificate of Analysis**  
Compliance Test

Client Information:

**Puff Panda**

9936 Princeton Glendale RD  
West Chester Township, OH 45246

Batch # 156534  
Batch Date: 2025-06-25  
Extracted From: Hemp

Test Reg State: Georgia  
Food Permit #: 393546

Order # PUF250625-060001  
Order Date: 2025-06-25  
Sample # AAGW012

Sampling Date: 2025-06-26  
Lab Batch Date: 2025-06-26  
Orig. Completion Date: 2025-07-01

Initial Gross Weight: 36.044 g  
Net Weight: 30.744 g

Number of Units: 1  
Net Weight per Unit: 10000.000 mg  
Sampling Method: MSP 7.3.1

Statement of Amendment: Merging Reports



**Potency Tested**



**HHCP Tested**



**Pathogenic Microbiology Passed**



**Heavy Metals Passed**



**Mycotoxins Passed**



**Pesticides Passed**



**Residual Solvents Passed**



**Microbiology Passed**



**Filtration Passed**

Product Image

**Potency (LCUV) (GA) + Potency 25 (LCUV)**

Specimen Weight: 207.300 mg

**Tested**  
SOP13.001 (LCUV)



**Potency Summary**

<b>Total HHC</b> None Detected	<b>Total Active THC</b> None Detected
<b>Total Active CBD</b> 0.051% 5.1 mg	<b>Total CBG</b> None Detected
<b>Total CBN</b> 0.078% 7.8 mg	<b>Total Cannabinoids</b> 9.378% 937.78 mg
<b>Total DELTA-8-THC</b> 8.935% 893.5 mg	

Summary Results determined from two distinct Potency Tests - Potency (LCUV) (GA) + Potency 25 (LCUV)

Pieces For Panel: 3

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.0015	89.3500	8.9350
Delta9-THCP	10.000	1.17E-5	0.0012	1.9160	0.1916
CBN	10.000	1.40E-5	0.0015	0.7800	0.0780
Delta-8 THCv	10.000	4.00E-5	0.0015	0.7205	0.0721
CBD	10.000	5.40E-5	0.0015	0.5100	0.0510
CBT	10.000	2.00E-4	0.0015	0.3944	0.0394
CBL	10.000	3.50E-5	0.0015	0.1066	0.0107
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	10.000	3.00E-6	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	2.80E-4	0.075	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.003	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
CBC	10.000	2.76E-5	0.075	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBNA	10.000	9.50E-5	0.0015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.003	<LOQ	<LOQ
Delta8-THCP	10.000	3.75E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCB	10.000	1.80E-4	0.00195	<LOQ	<LOQ
THCH	10.000	3.50E-4	0.00195	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ
Total Active CBD	10.000			0.510	0.051
Total Active THC	10.000			<LOQ	<LOQ

*Aixia Sun*  
Aixia 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, (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, Client supplied the net weight of mg The results apply to the sample as received. Revised report- see statement of amendment above.  
This report shall not be reproduced, without written approval, from ACS Laboratory The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.





**Certificate of Analysis**  
Compliance Test

Client Information:

**Puff Panda**

9936 Princeton Glendale RD  
West Chester Township, OH 45246

Batch # 156534  
Batch Date: 2025-06-25  
Extracted From: Hemp

Test Reg State: Georgia  
Food Permit #: 393546

Order # PUF250625-060001  
Order Date: 2025-06-25  
Sample # AAGW012

Sampling Date: 2025-06-26  
Lab Batch Date: 2025-06-26  
Orig. Completion Date: 2025-07-01

Initial Gross Weight: 36.044 g  
Net Weight: 30.744 g

Number of Units: 1  
Net Weight per Unit: 10000.000 mg  
Sampling Method: MSP 7.3.1

**Microbiology Pathogenic AE qPCR - (GA)**

Specimen Weight: 1032.100 mg

**Passed**  
SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Passed	STEC	1	Passed

**Microbiology AC TYM BTGN plating - (GA)**

**Passed**  
SOP13.003 (Petrifilm)

Specimen Weight: 999.400 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Bile tolerant gram-negative bacteria	100	1000	<100	Total Yeast/Mold	1000	10000	<1000
Total Aerobic Count	1000	100000	<1000				

**Filth and Foreign Material - (GA)**

Specimen Weight: N/A Dilution Factor: 1.000

**Passed**  
SOP13.020 (Electronic Balance)

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.000	Weight %	1	0.000
Feces	0.5	0.000			

*Aixia Sun*

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.





**Certificate of Analysis**  
Compliance Test

Client Information:

**Puff Panda**

9936 Princeton Glendale RD  
West Chester Township, OH 45246

Batch # 156534  
Batch Date: 2025-06-25  
Extracted From: Hemp

Test Reg State: Georgia  
Food Permit #: 393546

Order # PUF250625-060001  
Order Date: 2025-06-25  
Sample # AAGW012

Sampling Date: 2025-06-26  
Lab Batch Date: 2025-06-26  
Orig. Completion Date: 2025-07-01

Initial Gross Weight: 36.044 g  
Net Weight: 30.744 g

Number of Units: 1  
Net Weight per Unit: 10000.000 mg  
Sampling Method: MSP 7.3.1

**Heavy Metals - (GA) (Edible)**

Specimen Weight: 253.900 mg

**Passed**  
SOP13.048 (ICP-MS)

Dilution Factor: 196.928

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	500	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	500	<LOQ	Mercury (Hg)	0.016	100	500	<LOQ

**Residual Solvents (GA-4)**

Specimen Weight: 16.900 mg

**Passed**  
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Butane	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ

**Mycotoxins - (GA)**

Specimen Weight: 581.800 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 2.580

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	1.9	20	<LOQ	Aflatoxin G2	2.7100E-1	1.9	20	<LOQ
Aflatoxin B2	7.7000E-2	1.9	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	1.9	20	<LOQ					

*Aixia Sun*

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.





**Certificate of Analysis**  
Compliance Test

Client Information:

**Puff Panda**  
9936 Princeton Glendale RD  
West Chester Township, OH 45246

Batch # 156534  
Batch Date: 2025-06-25  
Extracted From: Hemp

Test Reg State: Georgia  
Food Permit #: 393546

Order # PUF250625-060001  
Order Date: 2025-06-25  
Sample # AAGW012

Sampling Date: 2025-06-26  
Lab Batch Date: 2025-06-26  
Orig. Completion Date: 2025-07-01

Initial Gross Weight: 36.044 g  
Net Weight: 30.744 g

Number of Units: 1  
Net Weight per Unit: 10000.000 mg  
Sampling Method: MSP 7.3.1

HHCP

Specimen Weight: 207.300 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 1000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	<LOQ	<LOQ CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	<LOQ	<LOQ Delta-8 THC methyl ether	2.480000E-4	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	7.7800E-6	0.075	<LOQ	<LOQ Delta-9 THC	2.8000E-4	0.075	<LOQ	<LOQ
1(R)-H4-CBD	7.330000E-7	0.15	<LOQ	<LOQ Delta-9 THC methyl ether	1.600000E-4	0.075	<LOQ	<LOQ
1(S)-H4-CBD	6.630000E-7	0.15	<LOQ	<LOQ H2-CBD	1.440000E-7	0.075	<LOQ	<LOQ
9(R)-HHCP	3.0900E-5	0.075	<LOQ	<LOQ Total HHC	0.075	0.075	<LOQ	<LOQ
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.





**Certificate of Analysis**  
Compliance Test

Client Information:

**Puff Panda**  
9936 Princeton Glendale RD  
West Chester Township, OH 45246

Batch # 156534  
Batch Date: 2025-06-25  
Extracted From: Hemp

Test Reg State: Georgia  
Food Permit #: 393546

Order # PUF250625-060001  
Order Date: 2025-06-25  
Sample # AAGW012

Sampling Date: 2025-06-26  
Lab Batch Date: 2025-06-26  
Orig. Completion Date: 2025-07-01

Initial Gross Weight: 36.044 g  
Net Weight: 30.744 g

Number of Units: 1  
Net Weight per Unit: 10000.000 mg  
Sampling Method: MSP 7.3.1

**Pesticides - (GA)**  
Specimen Weight: 581.800 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 2.580

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Pacllobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	9.6	100	<LOQ					

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.

