



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA30505002-002

Harvest/Lot ID: CC-AT500-TINC-050223

Batch#: AT500

Batch Date: 05/02/23

Sample Size Received: 30 ml

Total Amount: 30 ml

Retail Product Size: 30 ml

Ordered: 05/02/23

Sampled: 05/02/23

Completed: 05/12/23

Sampling Method: SOP.T.20.010.FL

**PASSED**

May 12, 2023 | Amberwing Organics

808 Carmichael Rd #260  
Hudson, WI, 54016, US



**AMBERWING**  
ORGANICS

Pages 1 of 5

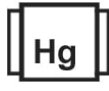
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Terpenes  
NOT TESTED

MISC.



**Cannabinoid**

**PASSED**



Total THC  
**0.066%**

Total THC/Container : 19.8 mg



Total CBD  
**2.074%**

Total CBD/Container : 622.2 mg



Total Cannabinoids  
**2.368%**

Total Cannabinoids/Container : 710.4 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.04	0.03	0.667	1.605	ND	ND	0.008	ND	ND	ND	0.018
mg/ml	0.4	0.3	6.67	16.05	ND	ND	0.08	ND	ND	ND	0.18
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2507, 3192

Weight:  
3.0048g

Extraction date:  
05/09/23 12:52:03

Extracted by:  
3600

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : GA059946POT

Instrument Used : GA-HPLC-001 2030C Plus (Infused)

Analyzed Date : 05/10/23 19:11:18

Reviewed On : 05/11/23 08:58:56

Batch Date : 05/09/23 11:33:34

Dilution : 400

Reagent : 010421.44; 062022.14; 071522.04; 030823.07; 041423.R19; 032823.R09

Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 12558-231CD-231C; RONB32898; 000000146137; 031C4 - 031 J; 212516; 0000185478

Pipette : GA-010; GA-146; GA-182; GA-169 (Dispenser); GA-196; GA-209 Dispenser

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

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**Miranda MacDonald**  
Lab Director



State License # CMTL-0001  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164

Signature  
05/12/23



# Certificate of Analysis

**PASSED**

Amberwing Organics

808 Carmichael Rd #260  
Hudson, WI, 54016, US  
Telephone: 6123872836  
Email: dan.schiller@amberwingorganics.com

Sample : GA30505002-002  
Harvest/Lot ID: CC-AT500-TINC-050223

Batch # : AT500      Sample Size Received : 30 ml  
Sampled : 05/02/23      Total Amount : 30 ml  
Ordered : 05/02/23      Completed : 05/12/23 Expires: 05/12/24  
Sample Method : SOP Client Method

Page 2 of 5

Pesticides						PASSED					
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	30	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	3	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND	PHOSMET	0.01	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	1	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
ACEQUINOCLYL	0.01	ppm	2	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZINON	0.01	ppm	3	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	795, 3303, 2507	0.2595g	05/10/23 20:37:28	795		
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA060028PES      Reviewed On : 05/12/23 08:44:58					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-004 (PES)      Batch Date : 05/10/23 20:33:05					
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Analyzed Date : N/A					
FENHEXAMID	0.01	ppm	3	PASS	ND	Dilution : 250					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Reagent : 050823.R10; 050923.R04; 051023.R18; 051023.R47; 042623.R45; 051023.R16; 040521.11					
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Consumables : 6697075-02					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FLONICAMID	0.01	ppm	2	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	3317, 2155, 2507	1.0147g	05/09/23 13:28:37	3600		
IMAZALIL	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Analytical Batch : GA059950VOL      Reviewed On : 05/12/23 09:00:26					
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND	Instrument Used : GA-GCMS-006      Batch Date : 05/09/23 11:57:44					
MALATHION	0.01	ppm	2	PASS	ND	Analyzed Date : 05/09/23 18:28:06					
METALAXYL	0.01	ppm	3	PASS	ND	Dilution : 50					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Reagent : 011122.06; 042623.R79; 032823.R34					
METHOMYL	0.01	ppm	0.1	PASS	ND	Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; R0NB32898; 296055173;					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	55447-U.15143701; 031C4 - 031 J; 212516					
MYCLOBUTANIL	0.01	ppm	3	PASS	ND	Pipette : GA-010; GA-146; GA-182; GA-210 Dispenser					
NALED	0.01	ppm	0.5	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					

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**Miranda MacDonald**  
Lab Director



State License # CMTL-0001  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164

Signature  
05/12/23



# Certificate of Analysis

**PASSED**

Amberwing Organics

 808 Carmichael Rd #260  
 Hudson, WI, 54016, US

Telephone: 6123872836

Email: dan.schiller@amberwingorganics.com

Sample : GA30505002-002

Harvest/Lot ID: CC-AT500-TINC-050223

Batch# : AT500

Sampled : 05/02/23

Ordered : 05/02/23

Sample Size Received : 30 ml

Total Amount : 30 ml

Completed : 05/12/23 Expires: 05/12/24

Sample Method : SOP Client Method

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## Residual Solvents

**PASSED**

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

 Analyzed by:  
 3317, 2155, 3303, 2507

 Weight:  
 0.0258g

 Extraction date:  
 05/09/23 12:53:27

 Extracted by:  
 3317

Analysis Method : SOP.T.40.041.FL

Analytical Batch : GA05994450L

Instrument Used : GA-GCMS-001 Headspace Solvent

Analyzed Date : 05/09/23 16:59:55

Reviewed On : 05/10/23 16:17:47

Batch Date : 05/09/23 10:56:46

Dilution : N/A

Reagent : 010421.47

Consumables : 854996; 27296

Pipette : GA-253

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.



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Telephone: 6123872836  
Email: dan.schiller@amberwingorganics.com

Sample : GA30505002-002

Harvest/Lot ID: CC-AT500-TINC-050223

Batch # : AT500

Sampled : 05/02/23

Ordered : 05/02/23

Sample Size Received : 30 ml

Total Amount : 30 ml

Completed : 05/12/23 Expires: 05/12/24

Sample Method : SOP Client Method

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	<b>Microbial</b>	<b>PASSED</b>
	<b>Mycotoxins</b>	<b>PASSED</b>

Analyte	LOD	Units	Result	Pass / Fail	Action Level
ECOLI SHIGELLA			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
LISTERIA MONOCYTOGENES			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000

Analyzed by: 3793, 3721, 2507    Weight: 1.14g    Extraction date: 05/09/23 15:54:23    Extracted by: 3793

Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL

Analytical Batch : GA059951MIC    Reviewed On : 05/11/23 18:36:10

Instrument Used : GA-200 Bacterial / GA-102 Fungal Incubators    Batch Date : 05/09/23 15:35:26

Analyzed Date : 05/09/23 16:20:41

Dilution : 10

Reagent : 092022.51

Consumables : GA-186; 010205; 258111; 013209; 007109; P-21557211R

Pipette : GA-154

Analyzed by: 3793, 3721, 2507    Weight: 1.14g    Extraction date: 05/09/23 15:54:23    Extracted by: 3793

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL

Analytical Batch : GA059952TYM    Reviewed On : 05/11/23 18:38:14

Instrument Used : GA-102 Fungal Incubator (TYM)    Batch Date : 05/09/23 15:35:39

Analyzed Date : 05/09/23 16:20:26

Dilution : 10

Reagent : 092022.51

Consumables : GA-186; 007109; P-21557211R

Pipette : GA-154

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02

Analyzed by: 795, 3303, 2507    Weight: 0.2595g    Extraction date: 05/10/23 20:37:28    Extracted by: 795

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)

Analytical Batch : DA060029MYC    Reviewed On : 05/12/23 08:50:03

Instrument Used : DA-LCMS-004 (MYC)    Batch Date : 05/10/23 20:34:47

Analyzed Date : N/A

Dilution : 250

Reagent : 050823.R10; 050923.R04; 051023.R18; 051023.R47; 042623.R45; 051023.R16; 040521.11

Consumables : 6697075-02

Pipette : DA-093; DA-094; DA-219

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	5
ARSENIC	0.02	ppm	ND	PASS	1.5
CADMIUM	0.02	ppm	ND	PASS	0.5
MERCURY	0.02	ppm	ND	PASS	3
LEAD	0.02	ppm	ND	PASS	0.5

Analyzed by: 2507, 3192    Weight: 0.259g    Extraction date: 05/09/23 16:22:38    Extracted by: 3571, 2507

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL

Analytical Batch : GA059903HEA    Reviewed On : 05/10/23 16:12:02

Instrument Used : GA-ICPMS-002    Batch Date : 05/08/23 12:58:14

Analyzed Date : N/A

Dilution : 50

Reagent : 042723.R27; 050623.R01; 010421.44; 071522.04; 011523.R02; 050623.R02; 110122.R06; 011523.R03

Consumables : 12532-225CD-225C; GA-194; GA-195; 209598

Pipette : GA-012

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

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**Miranda MacDonald**  
Lab Director



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Testing 97164

Signature  
05/12/23



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**Amberwing Organics**

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Telephone: 6123872836  
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Sample : GA30505002-002

Harvest/Lot ID: CC-AT500-TINC-050223

Batch# : AT500

Sampled : 05/02/23

Ordered : 05/02/23

Sample Size Received : 30 ml

Total Amount : 30 ml

Completed : 05/12/23 Expires: 05/12/24

Sample Method : SOP Client Method

Page 5 of 5

	<b>Filth/Foreign Material</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.1	%	ND	PASS	1

Analyzed by: 3600, 3571, 2507	Weight: 30.5509g	Extraction date: 05/09/23 12:05:39	Extracted by: 3600
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Analysis Method : SOP.T.40.090  
 Analytical Batch : GA059948FIL  
 Instrument Used : GA-Filth/Foreign Material Microscope  
 Analyzed Date : N/A  
 Reviewed On : 05/09/23 18:53:48  
 Batch Date : 05/09/23 11:51:49

Dilution : N/A  
 Reagent : N/A  
 Consumables : N/A  
 Pipette : N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.

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Signature  
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