2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US
833-465-8378

Kaycha Labs

CC-AT1500-TINC-050223
n/a
Matrix: Derivative
Type: Hemp Oil - Derivative

Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA30505002-001
Harvest/Lot ID: CC-AT1500-TINC-050223
Batch#: AT1500
Batch Date: 05/02/23
Sample Size Received: 30 ml
Total Amount: 30 ml
Retail Product Size: 30 ml
Sample Density: 1.0 g/mL
Ordered: 05/02/23
Sampled: 05/02/23
Completed: 05/16/23
Sampling Method: SOP.T.20.010.FL

May 16, 2023 | Amberwing Organics
808 Carmichael Rd #260
Hudson, WI, 54016, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED

MISC.

Terpenes
NOT TESTED

Cannabinoid

PASSED

Total THC
0.152%
Total THC/Container : 45.6 mg

Total CBD
5.924%
Total CBD/Container : 1777.2 mg

Total Cannabinoids
6.761%
Total Cannabinoids/Container : 2028.3 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.092	0.069	1.539	5	ND	ND	ND	ND	ND	ND	0.041
mg/ml	0.92	0.69	15.39	50	ND	ND	ND	ND	ND	ND	0.41
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:
3600, 2507, 3192, 3303, 3655, 3317

Weight:
2.9979g

Extraction date:
05/09/23 12:50:28

Extracted by:
3600,2507

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 : 05/16/23 09:40:10
Batch Date : 05/09/23 11:33:34

Dilution : 800
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; R0NB32898; 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.

Miranda MacDonald
Lab Director

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

Signature
05/16/23

2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US
833-465-8378

Kaycha Labs

CC-AT1500-TINC-050223
n/a
Matrix : Derivative
Type: Hemp Oil - Derivative

Certificate of Analysis

PASSED

Amberwing Organics

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

Sample : GA30505002-001
Harvest/Lot ID: CC-AT1500-TINC-050223
Batch# : AT1500
Sampled : 05/02/23
Ordered : 05/02/23
Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 05/16/23 **Expires:** 05/16/24
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	30	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	3	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	1	PASS	ND
TOTAL SPINETORAM	0.01	ppm	3	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND
DIAZINON	0.01	ppm	3	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND
ETOXAZOLE	0.01	ppm	1.5	PASS	ND
FENHEXAMID	0.01	ppm	3	PASS	ND
FENOXYCARB	0.01	ppm	0.1	PASS	ND
FENPYROXIMATE	0.01	ppm	2	PASS	ND
FIPRONIL	0.01	ppm	0.1	PASS	ND
FLONICAMID	0.01	ppm	2	PASS	ND
FLUDIOXONIL	0.01	ppm	3	PASS	ND
HEXYTHIAZOX	0.01	ppm	2	PASS	ND
IMAZALIL	0.01	ppm	0.1	PASS	ND
IMIDACLOPRID	0.01	ppm	1	PASS	ND
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND
MALATHION	0.01	ppm	2	PASS	ND
METALAXYL	0.01	ppm	3	PASS	ND
METHIOCARB	0.01	ppm	0.1	PASS	ND
METHOMYL	0.01	ppm	0.1	PASS	ND
MEVINPHOS	0.01	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.01	ppm	3	PASS	ND
NALED	0.01	ppm	0.5	PASS	ND

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
OXAMYL	0.01	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
PHOSMET	0.01	ppm	0.2	PASS	ND
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
PRALLETHRIN	0.01	ppm	0.4	PASS	ND
PROPICONAZOLE	0.01	ppm	1	PASS	ND
PROPOXUR	0.01	ppm	0.1	PASS	ND
PYRIDABEN	0.01	ppm	3	PASS	ND
SPIROMESIFEN	0.01	ppm	3	PASS	ND
SPIROTETRAMAT	0.01	ppm	3	PASS	ND
SPIROXAMINE	0.01	ppm	0.1	PASS	ND
TEBUCONAZOLE	0.01	ppm	1	PASS	ND
THIACLOPRID	0.01	ppm	0.1	PASS	ND
THIAMETHOXAM	0.01	ppm	1	PASS	ND
TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CAPTAN *	0.07	PPM	3	PASS	ND
CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CYFLUTHRIN *	0.05	PPM	1	PASS	ND
CYPERMETHRIN *	0.05	PPM	1	PASS	ND

Analyzed by: 795, 3303, 2507 | **Weight:** 0.2541g | **Extraction date:** 05/10/23 20:37:27 | **Extracted by:** 795

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)
Analytical Batch : DA060028PES
Instrument Used : DA-LCMS-004 (PES)
Analyzed Date : N/A
Reviewed On : 05/12/23 08:44:55
Batch Date : 05/10/23 20:33:05

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

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

Analyzed by: 3317, 2155, 2507, 3303 | **Weight:** 1.0381g | **Extraction date:** 05/09/23 13:24:42 | **Extracted by:** 3600

Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL
Analytical Batch : GA059950VOL
Instrument Used : GA-GCMS-006
Analyzed Date : 05/09/23 18:28:06
Reviewed On : 05/12/23 09:34:06
Batch Date : 05/09/23 11:57:44

Dilution : 50
Reagent : 011122.06; 042623.R79; 032823.R34
Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; R0NB32898; 296055173; 55447-U.15143701; 031C4 - 031 J; 212516
Pipette : GA-010; GA-146; GA-182; GA-210 Dispenser

Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

Miranda MacDonald
Lab Director

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

Signature
05/16/23

2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US
833-465-8378

Kaycha Labs

CC-AT1500-TINC-050223
n/a
Matrix : Derivative
Type: Hemp Oil - Derivative

Certificate of Analysis

PASSED

Amberwing Organics

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

Sample : GA30505002-001
Harvest/Lot ID: CC-AT1500-TINC-050223
Batch# : AT1500
Sampled : 05/02/23
Ordered : 05/02/23
Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 05/16/23 **Expires:** 05/16/24
Sample Method : SOP Client Method

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:
0.0209g

Extraction date:
05/09/23 12:53:28

Extracted by:
3317

Analysis Method : SOP.T.40.041.FL
Analytical Batch : GA059944SOL
Instrument Used : GA-GCMS-001 Headspace Solvent
Analyzed Date : 05/09/23 16:59:55

Reviewed On : 05/10/23 16:17:45
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.

Miranda MacDonald
Lab Director

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

Signature
05/16/23

2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US
833-465-8378

Kaycha Labs

CC-AT1500-TINC-050223
n/a
Matrix : Derivative
Type: Hemp Oil - Derivative

Certificate of Analysis

PASSED

Amberwing Organics

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

Sample : GA30505002-001
Harvest/Lot ID: CC-AT1500-TINC-050223
Batch# : AT1500
Sampled : 05/02/23
Ordered : 05/02/23
Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 05/16/23 **Expires:** 05/16/24
Sample Method : SOP Client Method

Microbial — PASSED

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:** 0.99g **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 18:35:59
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:** 0.99g **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 18:38:07
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.

Mycotoxins — PASSED

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:** 0.2541g **Extraction date:** 05/10/23 20:37:27 **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 08:50:02
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.

Heavy Metals — PASSED

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:** 0.2459g **Extraction date:** 05/09/23 16:21:24 **Extracted by:** 3571,2507

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL
Analytical Batch : GA059903HEA **Reviewed On :** 05/10/23 16:11:56
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.

Miranda MacDonald
Lab Director

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

Signature
05/16/23

2444 NE 1st Blvd Suite 700
Gainesville, FL, 32609, US
833-465-8378

Kaycha Labs

CC-AT1500-TINC-050223
n/a
Matrix : Derivative
Type: Hemp Oil - Derivative

Certificate of Analysis

PASSED

Amberwing Organics

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

Sample : GA30505002-001
Harvest/Lot ID: CC-AT1500-TINC-050223
Batch# : AT1500
Sampled : 05/02/23
Ordered : 05/02/23
Sample Size Received : 30 ml
Total Amount : 30 ml
Completed : 05/16/23 **Expires:** 05/16/24
Sample Method : SOP Client Method

Filth/Foreign Material — PASSED

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

Analyzed by:	Weight:	Extraction date:	Extracted by:
3600, 3571, 2507	29.7822g	05/09/23 11:52:10	3600

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 18:53:38
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.

Miranda MacDonald
Lab Director

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

Signature
05/16/23