



Global Advanced Botanicals, LLC/Advanced Therapy USA CBD,LLC
 8310 SW 43rd Street
 Miami, Florida, 33155
 (352) 455-0028
 Order #: 84826
 Retail Batch #: 1440174

CERTIFICATE OF ANALYSIS
 ISO/IEC: 17025:2017 Accreditation #: 103104
 License #: CMTL-0004

Order Information

Order #: 84826
 Order Name: 1500 premium tincture
 Retail Batch #: 1440174
 Received: 12/27/2023 08:18:08
 Complete: 01/05/2024 10:28:47

Batch Information

Create Date: 12/22/2023 Total Qty.: 1
 Exp. Date: 12/25/2023 Matrix: Tincture
 Size: 1 Pickup Weight: N/A




CANNABINOID PROFILE TESTED	LABEL CLAIM PASS	MICROBIAL ANALYSIS PASS
RESIDUAL SOLVENTS PASS	AGRICULTURAL AGENTS PASS	HEAVY METAL ANALYSIS PASS
TERPENES TOTAL TESTED	MOISTURE ANALYSIS TESTED	WATER ACTIVITY NOT TESTED
FILTH & FOREIGN NOT TESTED	HOMOGENEITY NOT TESTED	MYCOTOXIN ANALYSIS PASS

0.2260 %
Total THC

5.3208 %
Total CBD

6.1181 %
Total Cannabinoids

Diana Asensio, M.S.
 Lab Director 

ACT Laboratories Florida
 4001 SW 47th Avenue, Suite 208
 Davie, FL 33314
 (954) 514-9343





Global Advanced
Botanicals,
LLC/Advanced
Therapy USA
CBD, LLC
8310 SW 43rd
Street
Miami, Florida,
33155
(352) 455-0028
Order #: 84826
Retail Batch #:
1440174

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Sample Prep

Tech: 4090
SOP: 418
Batch Number: 62041
Batch Date: 12/27/2023 13:10:15

Sample Analysis

Date/Time: 12/28/2023 11:38:28
Tech: 3396
SOP: 417
Final Weight: 0.2023 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.2260 % Total THC	2.136 mg THC Per Unit	64.071 mg THC Per Pkg
5.3208 % Total CBD	50.282 mg CBD Per Unit	1508.447 mg CBD Per Pkg
6.1181 % Total Cannabinoids	57.818 mg Cannabinoids Per Unit	1734.482 mg Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.064/0.1954	1	0.2280	2.280	2.155	64.638	--	--
CBD	0.064/0.1954	1	5.3208	53.208	50.282	1508.447	1500	0.6
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0333	0.333	0.315	9.441	--	--
CBG	0.064/0.1954	1	0.1020	1.020	0.964	28.917	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	0.0962	0.962	0.909	27.273	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.2260	2.260	2.136	64.071	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	1	ND	ND	ND	ND	--	--

Additional Cannabinoids

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBT	0.064/0.1954	1	0.1118	1.118	1.057	31.695	--	--
d10-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	1	ND	ND	ND	ND	--	--
exo-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--

mg/unit = 1 (g) per unit x 0.945 (g/ml) x cannabinoid concentration (mg/g)
Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
--------------------	----------	------	---------	------------

Total THC	0.2260	2.260	2.136	64.071
Total CBD	5.3208	53.208	50.282	1508
Total Cannabinoids	6.1181	61.181	57.818	1734

Diana Asensio, M.S.
Lab Director



ACT Laboratories Florida
4600 SW 47th Avenue, Suite 708
Davie, FL 33314
(954) 514-9343





Global Advanced
Botanicals,
LLC/Advanced
Therapy USA
CBD,LLC
8310 SW 43rd
Street
Miami, Florida,
33155
(352) 455-0028
Order #: 84826
Retail Batch #:
1440174

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 402
Batch Number: 62045
Batch Date: 12/27/2023 14:57:12

Sample Analysis

Date/Time: 01/02/2024 09:43:35
Tech: 2816
SOP: 402
Final Weight: 0.5039 g
Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	3	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	1	ND
Cypermethrin	0.01/0.1	1	1	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.2	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 432
Batch Number: 62047
Batch Date: 12/27/2023 16:05:47

Sample Analysis

Date/Time: 12/29/2023 14:13:09
Tech: 3445
SOP: 424
Final Weight: 0.1024 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	1	20	ND
Aflatoxin B2	2/10	1	20	ND
Aflatoxin G1	2/10	1	20	ND
Aflatoxin G2	2/5	1	20	ND
Ochratoxin A	2/10	1	20	ND

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Global Advanced
Botanicals,
LLC/Advanced
Therapy USA
CBD,LLC
8310 SW 43rd
Street
Miami, Florida,
33155
(352) 455-0028
Order #: 84826
Retail Batch #:
1440174

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 432
Batch Number: 62047
Batch Date: 12/27/2023 16:05:47

Sample Analysis

Date/Time: 12/29/2023 14:13:09
Tech: 3445
SOP: 424
Final Weight: 0.1024 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	1	0.3	ND	Imazalil	0.002/0.01	1	0.1	ND
Acephate	0.002/0.04	1	3	ND	Imidacloprid	0.002/0.002	1	3	ND
Acequinocyl	0.002/0.002	1	2	ND	Kresoxim-methyl	0.002/0.002	1	1	ND
Acetamiprid	0.002/0.002	1	3	ND	Malathion	0.01/0.04	1	2	ND
Aldicarb	0.002/0.01	1	0.1	ND	Metalaxyl	0.002/0.004	1	3	ND
Azoxystrobin	0.002/0.04	1	3	ND	Methiocarb	0.002/0.01	1	0.1	ND
Bifenazate	0.002/0.002	1	3	ND	Methomyl	0.002/0.002	1	0.1	ND
Bifenthrin	0.002/0.002	1	0.5	0.033	Mevinphos	0.009/0.036	1	0.1	ND
Boscalid	0.01/0.05	1	3	ND	Myclobutanil	0.002/0.04	1	3	ND
Carbaryl	0.002/0.004	1	0.5	ND	Naled	0.002/0.01	1	0.5	ND
Carbofuran	0.002/0.01	1	0.1	ND	Oxamyl	0.002/0.002	1	0.5	ND
Chlorantraniliprole	0.002/0.01	1	3	ND	Paclobutrazol	0.002/0.004	1	0.1	ND
Chlormequat chloride	0.002/0.004	1	3	ND	Permethrins	0.002/0.01	1	1	ND
Chlorpyrifos	0.002/0.01	1	0.1	ND	Phosmet	0.002/0.002	1	0.2	ND
Clofentezine	0.002/0.002	1	0.5	ND	Piperonyl Butoxide	0.002/0.002	1	3	0.004
Daminozide	0.01/0.04	1	0.1	ND	Prallethrin	0.002/0.01	1	0.4	ND
Diazinon	0.002/0.01	1	0.2	ND	Propiconazole	0.002/0.04	1	1	ND
Dichlorvos	0.002/0.04	1	0.1	ND	Propoxur	0.002/0.01	1	0.1	ND
Dimethoate	0.002/0.002	1	0.1	ND	Pyrethrins	0.001/0.013	1	1	ND
Dimethomorph	0.001/0.002	1	3	ND	Pyridaben	0.002/0.002	1	3	ND
Ethoprophos	0.002/0.01	1	0.1	ND	Spinetoram	0.001/0.003	1	3	ND
Etofenprox	0.002/0.002	1	0.1	ND	Spinosad	0.001/0.001	1	3	ND
Etoxazole	0.002/0.002	1	1.5	ND	Spiromesifen	0.002/0.002	1	3	ND
Fenhexamid	0.01/0.04	1	3	ND	Spirotetramat	0.002/0.01	1	3	ND
Fenoxycarb	0.002/0.004	1	0.1	ND	Spiroxamine	0.002/0.04	1	0.1	ND
Fenpyroximate	0.002/0.002	1	2	ND	Tebuconazole	0.01/0.04	1	1	ND
Fipronil	0.002/0.004	1	0.1	ND	Thiacloprid	0.002/0.002	1	0.1	ND
Fonicamid	0.002/0.01	1	2	ND	Thiamethoxam	0.002/0.01	1	1	ND
Fludioxonil	0.002/0.004	1	3	ND	Trifloxystrobin	0.002/0.002	1	3	ND
Hexythiazox	0.002/0.004	1	2	ND					

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Global Advanced Botanicals, LLC/Advanced Therapy USA CBD, LLC
 8310 SW 43rd Street
 Miami, Florida, 33155
 (352) 455-0028
 Order #: 84826
 Retail Batch #: 1440174

CERTIFICATE OF ANALYSIS
 ISO/IEC: 17025:2017 Accreditation #: 103104
 License #: CMTL-0004

TERPENES TOTAL
 GC-FID
TESTED (0.300 %)

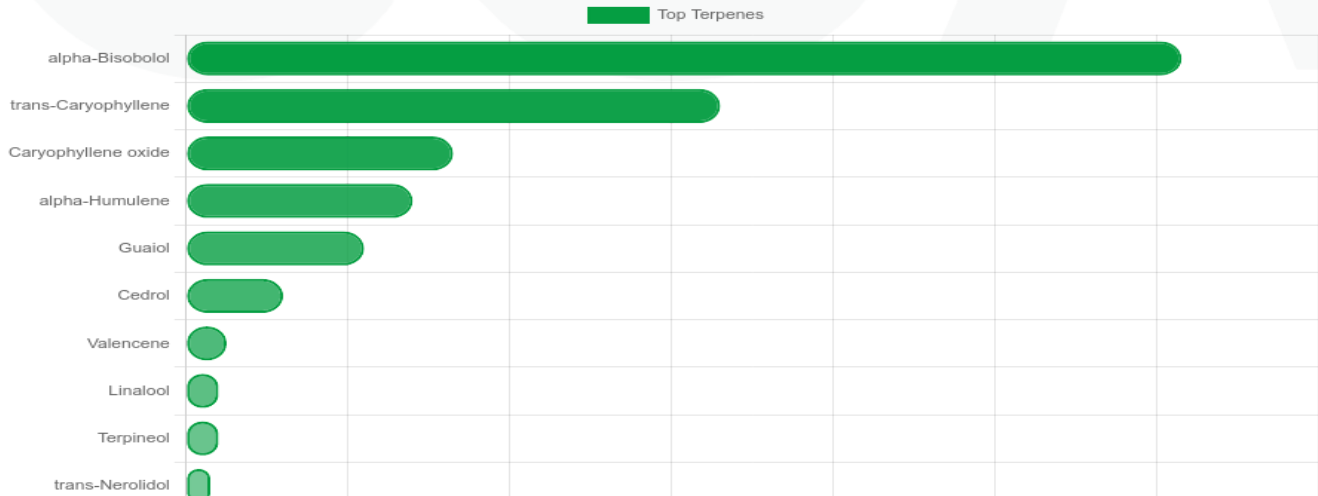
Sample Prep

Tech: 4090
 SOP: 421
 Batch Number: 62033
 Batch Date: 12/26/2023 10:36:24

Sample Analysis

Date/Time: 12/28/2023 09:03:08
 Tech: 2816
 SOP: 419
 Final Weight: 0.4151 g
 Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	ND	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	0.123	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	0.022
alpha-Humulene	0.001/0.003	1	0.028	Hexahydrothymol	0.001/0.003	1	<LOQ
alpha-Pinene	0.001/0.003	1	ND	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	ND	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	<LOQ	Limonene	0.001/0.003	1	ND
beta-Pinene	0.001/0.003	1	ND	Linalool	0.001/0.003	1	0.004
Borneol	0.001/0.003	1	<LOQ	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	ND	p-Mentha-1,5-diene	0.001/0.003	1	ND
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.033	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	0.012	Terpineol	0.001/0.003	1	0.004
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	ND
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.066
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	0.003
Fenchone	0.001/0.003	1	ND	trans-Ocimene	0.001/0.003	1	ND
Fenchyl alcohol	0.001/0.003	1	<LOQ	Valencene	0.001/0.003	1	0.005
gamma-Terpinene	0.001/0.003	1	ND				



Diana Asensio, M.S.

Lab Director

ACT Laboratories Florida
 4001 SW 47th Avenue, Suite 208
 Davie, FL 33314
 (954) 514-9343





Global Advanced
Botanicals,
LLC/Advanced
Therapy USA
CBD,LLC
8310 SW 43rd
Street
Miami, Florida,
33155
(352) 455-0028
Order #: 84826
Retail Batch #:
1440174

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
SOP: 405
Batch Number: 62049
Batch Date: 12/27/2023 18:20:28

Sample Analysis

Date/Time: 12/28/2023 16:50:49
Tech: 2816
SOP: 405
Final Weight: 0.0537 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
1,1-Dichloroethene	0.6/0.63	1	8	ND	Heptane	6/140	1	5000	ND
1,2-Dichloroethane	0.012/0.12	1	2	ND	Hexanes	0.06/18	1	250	ND
Acetone	9/140	1	750	ND	Isopropyl alcohol	3/140	1	500	ND
Acetonitrile	0.72/25	1	60	<LOQ	Methanol	6/100	1	250	<LOQ
Benzene	0.06/1	1	1	ND	Methylene chloride	1.5/1.5	1	125	ND
Butane	48/50	1	5000	ND	Pentane	9/140	1	750	ND
Chloroform	0.2/1	1	2	ND	Propane	30/30	1	5000	ND
Ethanol	12/140	1	5000	<LOQ	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	ND	Total xylenes	1.8/130	1	150	ND
Ethyl ether	6/140	1	500	ND	Trichloroethylene	0.3/1	1	25	ND
Ethylene oxide	0.6/2	1	5	ND					

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3396
SOP: 428
Batch Number: 62050
Batch Date: 12/28/2023 10:19:09

Sample Analysis

Date/Time: 12/28/2023 14:34:30
Tech: 3396
SOP: 428
Final Weight: 0.2226 g
Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	1500	ND
Cadmium	20/75	1	500	ND
Lead	20/75	1	500	ND
Mercury	20/75	1	3000	ND

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Global Advanced
Botanicals,
LLC/Advanced
Therapy USA
CBD,LLC
8310 SW 43rd
Street
Miami, Florida,
33155
(352) 455-0028
Order #: 84826
Retail Batch #:
1440174

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

MICROBIAL ANALYSIS
PASS

Sample Prep

Tech: 4090
SOP: 406

Batch Number: 62046
Batch Date: 12/27/2023 15:32:43

Date/Time: 12/29/2023 15:22:13
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0063 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total aerobic count	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 62066
Batch Date: 01/02/2024 13:57:09

Date/Time: 01/04/2024 16:42:32
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.003 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total enterobacteriaceae	qPCR	NA	< 100	PASS

Sample Prep

Tech: 4090
SOP: 406

Batch Number: 62046
Batch Date: 12/27/2023 15:32:43

Date/Time: 01/04/2024 16:41:01
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0063 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total coliforms	qPCR	NA	< 100	PASS

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Global Advanced Botanicals, LLC/Advanced Therapy USA CBD,LLC
 8310 SW 43rd Street
 Miami, Florida, 33155
 (352) 455-0028
 Order #: 84826
 Retail Batch #: 1440174

CERTIFICATE OF ANALYSIS
 ISO/IEC: 17025:2017 Accreditation #: 103104
 License #: CMTL-0004

MICROBIAL ANALYSIS
PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 62043
 Batch Date: 12/27/2023 14:11:53

Date/Time: 12/29/2023 15:19:51
 Tech: 3358
 SOP: 406

Sample Analysis

Final Weight: 1.0022 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 62043
 Batch Date: 12/27/2023 14:11:53

Date/Time: 12/29/2023 15:19:51
 Tech: 3358
 SOP: 406

Sample Analysis

Final Weight: 1.0022 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus flavus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus fumigatus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus niger	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus terreus	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
 4001 SW 47th Avenue, Suite 208
 Davie, FL 33314
 (954) 514-9343





Global Advanced
Botanicals,
LLC/Advanced
Therapy USA
CBD,LLC
8310 SW 43rd
Street
Miami, Florida,
33155
(352) 455-0028
Order #: 84826
Retail Batch #:
1440174

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

MOISTURE ANALYSIS

Moisture: **1.62 %**

Sample Prep and Analysis

Date/Time: 12/29/2023 11:33:06
Tech: 3393
SOP: 411
Final Weight: 0.309 g

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343



