



**CBDaF, LLC.**  
 4343 N. Scottsdale  
 Rd. STE 150-135  
 Scottsdale, AZ,  
 85251  
 (480) 535-5854  
 Order #: 73634  
 Retail Batch #:  
 AF08092022

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

## Order Information

Order #: 73634  
 Order Name: CBDaF 1ml Pineapple Express  
 400mg Isolate  
 Retail Batch #: AF08092022  
 Received: 11/21/2022 19:03:03  
 Complete: 01/04/2023 22:49:05

## Batch Information

Create Date: Total Qty.: 0  
 Exp. Date: Matrix: Vape Oil  
 Size: 0 Pickup Weight: N/A

<b>CANNABINOID PROFILE</b> <b>TESTED</b>	<b>LABEL CLAIM</b> <b>NOT APPLICABLE</b>	<b>MICROBIAL ANALYSIS</b> <b>PASS</b>
<b>RESIDUAL SOLVENTS</b> <b>PASS</b>	<b>AGRICULTURAL AGENTS</b> <b>PASS</b>	<b>HEAVY METAL ANALYSIS</b> <b>PASS</b>
<b>TERPENES TOTAL</b> <b>TESTED</b>	<b>MOISTURE ANALYSIS</b> <b>TESTED</b>	<b>WATER ACTIVITY</b> <b>TESTED</b>
<b>FILTH &amp; FOREIGN</b> <b>NOT TESTED</b>	<b>HOMOGENEITY</b> <b>NOT TESTED</b>	<b>MYCOTOXIN ANALYSIS</b> <b>PASS</b>



<b>0.000 %</b> Total THC
<b>38.334 %</b> Total CBD
<b>38.448 %</b> Total Cannabinoids

**Diana Asensio, M.S.**

Lab Director

**Florida**

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





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**Sample Prep**

Tech: 3445  
 SOP: 418  
 Batch Number: 57152  
 Batch Date: 11/25/2022 17:45:07

**Sample Analysis**

Date/Time: 11/30/2022 18:44:14  
 Tech: 3445  
 SOP: 417  
 Final Weight: 0.1943 g  
 Volume: 40 ml

**CANNABINOID PROFILE**

HPLC-DAD

ND Total THC	ND THC Per Unit	ND THC Per Pkg
<b>38.334 %</b> Total CBD	<b>410.168 mg</b> CBD Per Unit	<b>410.168 mg</b> CBD Per Pkg
<b>38.448 %</b> Total Cannabinoids	<b>411.389 mg</b> Cannabinoids Per Unit	<b>411.389 mg</b> Cannabinoids Per Pkg

**Cannabinoid Potency**

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.3224/0.977	10	ND	ND	ND	ND	--	--
CBD	0.3224/0.977	10	38.334	383.335	410.168	410.168	--	--
CBDA	0.3224/0.977	10	ND	ND	ND	ND	--	--
CBDV	0.3224/0.977	10	0.114	1.141	1.221	1.221	--	--
CBG	0.3224/0.977	10	ND	ND	ND	ND	--	--
CBGA	0.3224/0.977	10	ND	ND	ND	ND	--	--
CBN	0.3224/0.977	10	ND	ND	ND	ND	--	--
d8-THC	0.3224/0.977	10	ND	ND	ND	ND	--	--
d9-THC	0.3224/0.977	10	ND	ND	ND	ND	--	--
THCA	0.3224/0.977	10	ND	ND	ND	ND	--	--
THCV	0.3224/0.977	10	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	0.3224/0.977	10	ND	ND	ND	ND	--	--
CBL	0.3224/0.977	10	ND	ND	ND	ND	--	--
CBT	0.3224/0.977	10	ND	ND	ND	ND	--	--
d10-THC	0.3224/0.977	10	ND	ND	ND	ND	--	--
d9-THCP	0.3224/0.977	10	ND	ND	ND	ND	--	--
exo-THC	0.3224/0.977	10	ND	ND	ND	ND	--	--

mg/unit = 1 (g) per unit x 1.07 (g/ml) x cannabinoid concentration (mg/g)  
 For inhalation derivative products, 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	ND	ND	ND	ND
Total CBD	38.334	383.335	410.168	410.168
Total Cannabinoids	38.448	384.476	411.389	411.389

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**Agricultural Agents**

GC-MS/MS

**PASS**

**Sample Prep**

Tech: 1012  
 SOP: 402  
 Batch Number: 57124  
 Batch Date: 11/23/2022 10:59:02

**Sample Analysis**

Date/Time: 11/28/2022 15:44:50  
 Tech: 2816  
 SOP: 402  
 Final Weight: 0.5461 g  
 Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	0.7	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	0.5	ND
Cypermethrin	0.01/0.1	1	0.5	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.15	ND

**MYCOTOXIN ANALYSIS**

LC-MS/MS

**PASS**

**Sample Prep**

Tech: 1012  
 SOP: 432  
 Batch Number: 57125  
 Batch Date: 11/23/2022 11:01:15

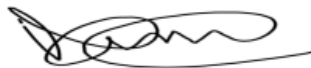
**Sample Analysis**

Date/Time: 11/28/2022 16:56:28  
 Tech: 3445  
 SOP: 424  
 Final Weight: 0.5078 g  
 Volume: 5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/0	2	20	ND
Aflatoxin B2	2/0	2	20	ND
Aflatoxin G1	2/0	2	20	ND
Aflatoxin G2	2/5	2	20	ND
Ochratoxin A	2/0	2	20	ND

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**Agricultural Agents**

LC-MS/MS

**PASS**

**Sample Prep**

Tech: 1012  
 SOP: 432  
 Batch Number: 57125  
 Batch Date: 11/23/2022 11:01:15

**Sample Analysis**

Date/Time: 11/28/2022 16:56:28  
 Tech: 3445  
 SOP: 424  
 Final Weight: 0.5078 g  
 Volume: 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	2	0.1	ND	Imazalil	0.002/0.01	2	0.1	ND
Acephate	0.002/0.04	2	0.1	ND	Imidacloprid	0.002/0.002	2	0.4	ND
Acequinocyl	0.002/0.002	2	0.1	ND	Kresoxim-methyl	0.002/0.002	2	0.1	ND
Acetamiprid	0.002/0.002	2	0.1	ND	Malathion	0.01/0.04	2	0.2	ND
Aldicarb	0.002/0.01	2	0.1	ND	Metalaxyl	0.002/0.004	2	0.1	ND
Azoxystrobin	0.002/0.04	2	0.1	ND	Methiocarb	0.002/0.01	2	0.1	ND
Bifenazate	0.002/0.002	2	0.1	ND	Methomyl	0.002/0.002	2	0.1	ND
Bifenthrin	0.002/0.002	2	0.1	ND	Mevinphos	0.009/0.036	2	0.1	ND
Boscalid	0.01/0.05	2	0.1	ND	Myclobutanil	0.002/0.04	2	0.1	ND
Carbaryl	0.002/0.004	2	0.5	ND	Naled	0.002/0.01	2	0.25	ND
Carbofuran	0.002/0.01	2	0.1	ND	Oxamyl	0.002/0.002	2	0.5	ND
Chlorantraniliprole	0.002/0.01	2	1	ND	Paclobutrazol	0.002/0.004	2	0.1	ND
Chloromequat chloride	0.002/0.004	2	1	ND	Permethrins	0.002/0.01	2	0.1	ND
Chlorpyrifos	0.002/0.01	2	0.1	ND	Phosmet	0.002/0.002	2	0.1	ND
Clofentezine	0.002/0.002	2	0.2	ND	Piperonyl Butoxide	0.002/0.002	2	3	ND
Daminozide	0.01/0.04	2	0.1	ND	Prallethrin	0.002/0.01	2	0.1	ND
Diazinon	0.002/0.01	2	0.1	ND	Propiconazole	0.002/0.04	2	0.1	ND
Dichlorvos	0.002/0.04	2	0.1	ND	Propoxur	0.002/0.01	2	0.1	ND
Dimethoate	0.002/0.002	2	0.1	ND	Pyrethrins	0.001/0.013	2	0.5	ND
Dimethomorph	0.001/0.002	2	0.2	ND	Pyridaben	0.002/0.002	2	0.2	ND
Ethoprophos	0.002/0.01	2	0.1	ND	Spinetoram	0.001/0.003	2	0.2	ND
Etofenprox	0.002/0.002	2	0.1	ND	Spinosad	0.001/0.001	2	0.1	ND
Etoazole	0.002/0.002	2	0.1	ND	Spiromesifen	0.002/0.002	2	0.1	ND
Fenhexamid	0.01/0.04	2	0.1	ND	Spirotetramat	0.002/0.01	2	0.1	ND
Fenoxycarb	0.002/0.004	2	0.1	ND	Spiroxamine	0.002/0.04	2	0.1	ND
Fenpyroximate	0.002/0.002	2	0.1	ND	Tebuconazole	0.01/0.04	2	0.1	ND
Fipronil	0.002/0.004	2	0.1	ND	Thiacloprid	0.002/0.002	2	0.1	ND
Flonicamid	0.002/0.01	2	0.1	ND	Thiamethoxam	0.002/0.01	2	0.5	ND
Fludioxonil	0.002/0.004	2	0.1	ND	Trifloxystrobin	0.002/0.002	2	0.1	ND
Hexythiazox	0.002/0.004	2	0.1	ND					

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**TERPENES TOTAL**  
 GC-FID **TESTED (1.613 %)**

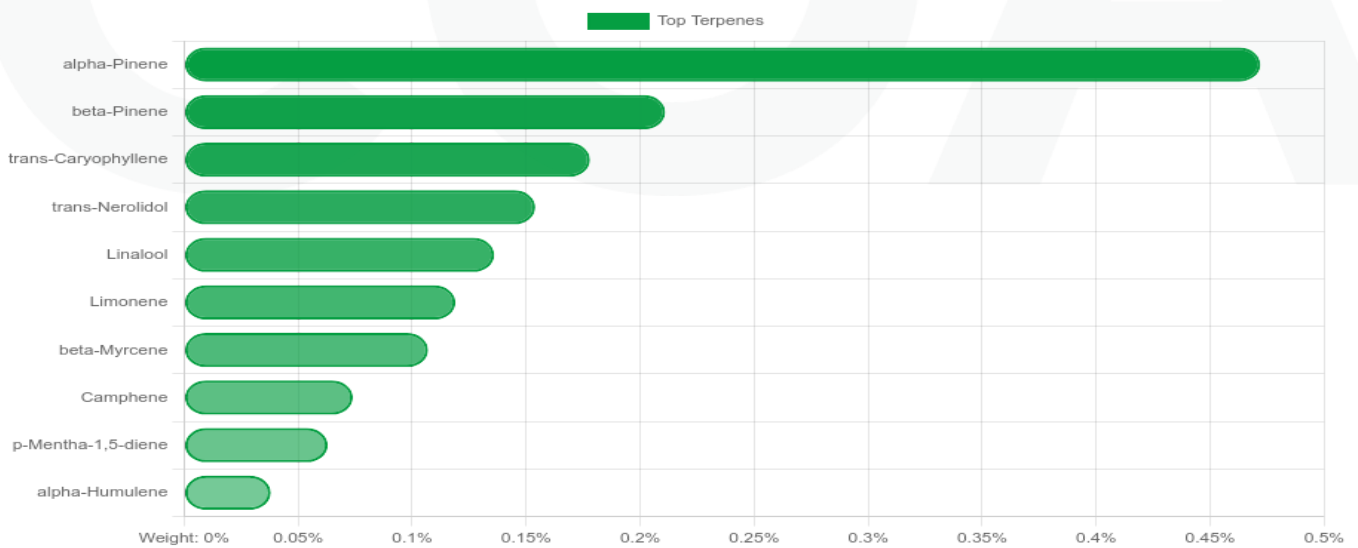
**Sample Prep**

Tech: 3393  
 SOP: 421  
 Batch Number: 57554  
 Batch Date: 12/20/2022 10:08:05

**Sample Analysis**

Date/Time: 12/21/2022 17:54:10  
 Tech: 2816  
 SOP: 419  
 Final Weight: 0.4092 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	ND	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	ND
alpha-Humulene	0.001/0.003	1	0.038	Hexahydrothymol	0.001/0.003	1	ND
alpha-Pinene	0.001/0.003	1	0.472	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	0.107	Limonene	0.001/0.003	1	0.119
beta-Pinene	0.001/0.003	1	0.211	Linalool	0.001/0.003	1	0.136
Borneol	0.001/0.003	1	ND	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	0.074	p-Mentha-1,5-diene	0.001/0.003	1	0.063
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.020	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	<LOQ	Terpineol	0.001/0.003	1	ND
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	0.016
cis-Ocimene	0.001/0.003	1	0.005	trans-Caryophyllene	0.001/0.003	1	0.178
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	0.154
Fenchone	0.001/0.003	1	ND	trans-Ocimene	0.001/0.003	1	0.020
Fenchyl alcohol	0.001/0.003	1	ND	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				



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**RESIDUAL SOLVENTS**

HS-GC-MS

**PASS**

**Sample Prep**

Tech: 2816  
 SOP: 405  
 Batch Number: 57183  
 Batch Date: 11/28/2022 17:50:52

**Sample Analysis**

Date/Time: 12/13/2022 13:22:46  
 Tech: 1012  
 SOP: 405  
 Final Weight: 0.0512 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	<LOQ	Isopropyl alcohol	3/140	1	500	<LOQ
Acetonitrile	0.72/25	1	60	ND	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	<LOQ	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: 1013  
 SOP: 428  
 Batch Number: 57150  
 Batch Date: 11/23/2022 19:06:46

**Sample Analysis**

Date/Time: 11/23/2022 22:01:55  
 Tech: 1013  
 SOP: 428  
 Final Weight: 0.2066 g  
 Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	200	ND
Cadmium	20/75	1	200	ND
Lead	20/75	1	500	<LOQ
Mercury	20/75	1	200	ND

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**MICROBIAL ANALYSIS**  
**PASS**

**Sample Prep**

Tech: 3975 Batch Number: 57755  
 SOP: 406 Batch Date: 01/03/2023 10:11:09

**Sample Analysis**

Date/Time: 01/04/2023 18:12:51 Final Weight: 1.0109 g  
 Tech: 3571  
 SOP: 406

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

**Sample Prep**

Tech: 3975 Batch Number: 57755  
 SOP: 406 Batch Date: 01/03/2023 10:11:09

**Sample Analysis**

Date/Time: 01/04/2023 18:12:51 Final Weight: 1.0109 g  
 Tech: 3571  
 SOP: 406

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

**Sample Prep**

Tech: 3975 Batch Number: 57755  
 SOP: 406 Batch Date: 01/03/2023 10:11:09

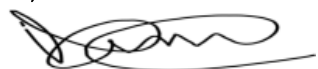
**Sample Analysis**

Date/Time: 01/04/2023 18:12:51 Final Weight: 1.0109 g  
 Tech: 3571  
 SOP: 406

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	NA	NOT DETECTED	PASS

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**MICROBIAL ANALYSIS**  
**PASS**

**Sample Prep**

Tech: 3358 Batch Number: 57153  
 SOP: 406 Batch Date: 11/27/2022 11:37:19

**Sample Analysis**

Date/Time: 11/29/2022 16:53:39 Final Weight: 1.0227 g  
 Tech: 3358  
 SOP: 406

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

**Sample Prep**

Tech: 1012 Batch Number: 57153  
 SOP: 406 Batch Date: 11/27/2022 11:37:19

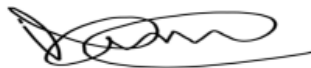
**Sample Analysis**

Date/Time: 11/29/2022 16:45:09 Final Weight: 1.0227 g  
 Tech: 3358  
 SOP: 406

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

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**WATER ACTIVITY**

Water Activity Meter  
**Water: 0.540 Aw**

**Sample Prep and Analysis**

**Date/Time:** 01/03/2023 18:02:33  
**Tech:** 3975  
**SOP:** 407  
**Final Weight:** 1.0781 g

**MOISTURE ANALYSIS**

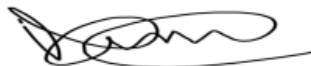
**Moisture: 2.47 %**

**Sample Prep and Analysis**

**Date/Time:** 01/03/2023 20:06:31  
**Tech:** 3975  
**SOP:** 411  
**Final Weight:** 0.312 g

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