



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**French Broad Cannabis**  
50 Commerce St.  
Brevard, NC 28712

Batch # WIP076001  
Batch Date: 2022-10-28  
Extracted From: Hemp

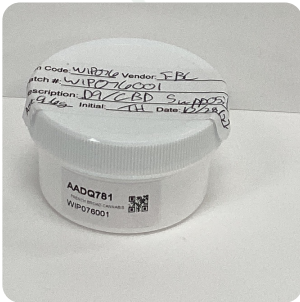
Test Reg State: Florida

Production Facility: FBC  
Production Date: 2022-10-28

Order # FRE221028-010001  
Order Date: 2022-10-28  
Sample # AADQ781

Sampling Date: 2022-10-31  
Lab Batch Date: 2022-10-31  
Completion Date: 2022-11-02

Initial Gross Weight: 22.395 g



Product Image

**Potency**  
Tested

**Microbiology (qPCR)**  
Passed

### Potency 10

Specimen Weight: 96.050 mg

**Tested**  
SOP13.001 (LCU)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	10.000	5.40E-5	0.0015	21.8000	2.1800
Delta-9 THC	10.000	1.30E-5	0.0015	2.6100	0.2610
CBC	10.000	1.80E-5	0.0015	0.6350	0.0635
CBG	10.000	2.48E-4	0.0015	0.4450	0.0445
CBDV	10.000	6.50E-5	0.0015	0.1760	0.0176
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ

### Potency Summary

<b>Total Active THC</b> 0.261%	<b>Total Active CBD</b> 2.180%
<b>Total CBG</b> 0.045%	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> 0.081%	<b>Total Cannabinoids</b> 2.567%

### Total Yeast and Mold

Specimen Weight: 476.200 mg

**Passed**  
SOP13.017  
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Remark
Total Yeast/Mold	100000	Not Detected	Not Detected

Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

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 \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THC + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THC + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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 (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

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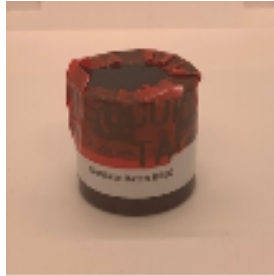


Sample ID: 211123006  
Sample Name: Distillate  
Sample Type: Concentrate

## Certificate of Analysis

### Customer

Palmetto Synergistic Research  
8856 Pee Dee Hwy  
Conway, SC 29527 /



Overall Batch Results	
Pesticide	Moisture Content
Potency	Water Activity
Mycotoxins	Heavy Metals
Microbial Screen	Residual Solvents
Terpenoids	

Sample Name: Distillate

Sample ID: 211123006

Product Type: Concentrate

Sample Type: Concentrate

Collected Date:

Received Date: 11/23/2021

Batch Number: 6550

Batch Size:

Sample Size:

COA released: 12/03/2021 10:57 AM

### Potency (mg/g)

Date Tested: 11/23/2021

Method: CB-SOP-028

Instrument:

<b>3.423 %</b>	<b>73.99 %</b>	<b>81.51 %</b>	<b>815.1 mg/g</b>
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	2.231	%	0.010	22.31	mg/g
CBD (Cannabidiol)	73.94	%	0.010	739.4	mg/g
CBDa (Cannabidiolic Acid)	0.062	%	0.010	0.623	mg/g
CBDV (Cannabidivarin)	0.497	%	0.010	4.969	mg/g
CBG (Cannabigerol)	1.100	%	0.010	11.00	mg/g
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/g
CBN (Cannabinol)	0.261	%	0.010	2.615	mg/g
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/g
D9-THC (D9-Tetrahydrocannabinol)	3.423	%	0.010	34.23	mg/g
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/g

### Pesticides

Date Tested: 12/02/2021

Method: CB-SOP-025

Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Acephate	ND	ppm	0.010		Acetamiprid	ND	ppm	0.010	
Aldicarb	ND	ppm	0.010		Azoxystrobin	ND	ppm	0.010	
Bifenazate	ND	ppm	0.010		Bifenthrin	ND	ppm	0.100	
Boscalid	ND	ppm	0.010		Carbaryl	ND	ppm	0.010	
Carbofuran	ND	ppm	0.010		Chlorantraniliprole	ND	ppm	0.010	
Chlorpyrifos	ND	ppm	0.010		Clofentazine	ND	ppm	0.010	
Coumaphos	ND	ppm	0.010		Daminozide	ND	ppm	0.010	
Diazinon	ND	ppm	0.010		Dichlorvos	ND	ppm	0.010	
Dimethoate	ND	ppm	0.010		Etofenprox	ND	ppm	0.010	
Etoxazole	ND	ppm	0.010		Fenhexamid	ND	ppm	0.010	
Fenoxycarb	ND	ppm	0.010		Fenpyroximate	ND	ppm	0.010	
Fipronil	ND	ppm	0.010		Fonicamid	ND	ppm	0.100	
Fludioxonil	ND	ppm	0.010		Hexythiazox	ND	ppm	0.010	
Imazalil	ND	ppm	0.010		Imidacloprid	ND	ppm	0.010	
Malathion	ND	ppm	0.010		Metalaxyl	ND	ppm	0.010	
Methiocarb	ND	ppm	0.010		Methomyl	ND	ppm	0.010	
Myclobutanil	ND	ppm	0.010		Naled	ND	ppm	0.010	
Oxamyl	ND	ppm	0.010		Pacloutrazol	ND	ppm	0.010	

NT = Not tested, ND = Not detected; LOQ = Limit of Quantitation; <LOQ = Detected; >ULOL = Above upper limit of linearity; CFU/g = Colony forming units per 1 gram; TNTC = Too numerous to count

CannaBusiness Laboratories  
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Sample ID: 211123006  
Sample Name: Distillate  
Sample Type: Concentrate

## Certificate of Analysis

Pesticides							
Date Tested:	12/02/2021	Method:	CB-SOP-025	Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Phosmet	ND	ppm	0.010		Prallethrin	ND	ppm	0.010	
Propiconazole	ND	ppm	0.010		Propoxur	ND	ppm	0.010	
Pyrethrin I	ND	ppm	0.010		Pyrethrin II	ND	ppm	0.010	
Pyridaben	ND	ppm	0.010		Spinetoram	ND	ppm	0.010	
Spiromesifen	ND	ppm	0.010		Spirotetramat	ND	ppm	0.010	
Tebuconazole	ND	ppm	0.010		Thiacloprid	ND	ppm	0.010	
Thiamethoxam	ND	ppm	0.010		Trifloxystrobin	ND	ppm	0.010	
Ethoprophos	ND	ppm	0.010		Kresoxym-methyl	ND	ppm	0.010	
Permethrins	ND	ppm	0.010		Piperonyl Butoxide	0.075	ppm	0.010	
Spinosyn A	ND	ppm	0.010		Spiroxamine-1	ND	ppm	0.010	
AbamectinB1a	ND	ppm	0.010		Spinosyn D	ND	ppm	0.010	

Mycotoxins							
Date Tested:	12/02/2021	Method:	CB-SOP-025	Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Ochratoxin A	ND	ppm	0.010		Aflatoxin B1	ND	ppm	0.010	
Aflatoxin G2	ND	ppm	0.010		Aflatoxin B2	ND	ppm	0.010	
Aflatoxin G1	ND	ppm	0.010						

Metals							
Date Tested:	11/24/2021	Method:	CB-SOP-027	Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Arsenic	<LOQ	ppm	0.200		Cadmium	<LOQ	ppm	0.200	
Lead	<LOQ	ppm	0.200		Mercury	<LOQ	ppm	0.200	

Microbial							
Date Tested:	11/30/2021	Method:		Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
STEC (E. coli)	Negative				Salmonella	Negative			
L. monocytogenes	Negative				Yeast/Mold (qPCR)	0	CFUs		

Residual Solvent							
Date Tested:	11/24/2021	Method:	CB-SOP-032	Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
1-4 Dioxane	<LOQ	ppm	29		2-Butanol	<LOQ	ppm	175	
2-Ethoxyethanol	<LOQ	ppm	24		2-Methylpentane	<LOQ	ppm	87	
3-Methylpentane	<LOQ	ppm	87		2-Propanol	<LOQ	ppm	350	
Cyclohexane	<LOQ	ppm	146		Ether	<LOQ	ppm	350	
Ethylbenzene	<LOQ	ppm	81		Acetone	<LOQ	ppm	350	
Isopropyl Acetate	<LOQ	ppm	175		Methylbutane	<LOQ	ppm	350	
n-Heptane	<LOQ	ppm	350		n-Hexane	<LOQ	ppm	87	
n-Pentane	<LOQ	ppm	350		Tetrahydrofuran	<LOQ	ppm	54	
Acetonitrile	<LOQ	ppm	123		Ethanol	<LOQ	ppm	350	
Ethyl acetate	<LOQ	ppm	175		o-Xylene	<LOQ	ppm	81	
m+p-Xylene	<LOQ	ppm	163		Methanol	<LOQ	ppm	250	
Methylene Chloride	<LOQ	ppm	90		Toluene	<LOQ	ppm	67	

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CannaBusiness Laboratories, LLC  
 2554 Palumbo Dr. Lexington, KY 40509



Sample ID: 211123006  
 Sample Name: Distillate  
 Sample Type: Concentrate

## Certificate of Analysis



### Authorized Signature

  
 Laboratory Manager

Jamie Hobgood

12/03/2021 10:58 AM

**Date**      **Time**

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French Broad Cannabis  
19 N Caldwell St  
Brevard, Colorado 28712  
(828) 708-2225  
403H-80533.128

Name: D9 Distillate  
Type: Concentrates & Extracts  
ID: 220501246.14365  
Batch ID: HDE221169R  
METRC Tag: 1A4000D00039211000001950

RECEIVED: 05/10/2022

TESTED: 05/10/2022

REPORTED: 05/13/2022

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPB	PPB	PPB	PPB	
Abamectin	20	40	70	<LOD	Pass
Azoxystrobin	5	10	20	<LOD	Pass
Bifenazate	10	20	20	<LOD	Pass
Etoxazole	5	10	10	<LOD	Pass
Imazalil	20	40	40	<LOD	Pass
Imidacloprid	5	10	20	<LOD	Pass
Malathion	20	40	50	<LOD	Pass
Myclobutanil	10	20	40	<LOD	Pass
Permethrin	5	10	40	<LOD	Pass
Spinosad	20	40	60	<LOD	Pass
Spiromesifen	15	30	30	<LOD	Pass
Spirotetramat	5	10	20	<LOD	Pass
Tebuconazole	5	10	10	<LOD	Pass



### NOTES AND INTERPRETATIONS

Analyzed via AAM-008 using Agilent 1260 HPLC and Agilent 6430 MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None.

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

Results Analyzed By:  
Trey Murschell, PhD  
Senior Chemist

Results Approved By:  
Luke Mason, MS  
Lab Director



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French Broad Cannabis  
 19 N Caldwell St  
 Brevard, Colorado 28712  
 (828) 708-2225  
 403H-80533.128

Name: D9 Distillate  
 Type: Concentrates & Extracts  
 ID: 220501246.14365  
 Batch ID: HDE221169R  
 METRC Tag: 1A4000D00039211000001950

RECEIVED: 05/10/2022

TESTED: 05/10/2022

REPORTED: 05/13/2022

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Arsenic	0.015	0.03	0.2	<LOD	Pass
Cadmium	0.015	0.03	0.2	<LOD	Pass
Lead	0.015	0.03	0.5	<LOD	Pass
Mercury	0.015	0.03	0.1	<LOD	Pass



LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

### NOTES AND INTERPRETATIONS

Analyzed via AAM-010 using Agilent 7800 ICP-MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as recieved. Deviations from SOP: None.

Results Analyzed By:  
 Trey Murschell, PhD  
 Senior Chemist

Results Approved By:  
 Tyler Dorsey  
 Associate Chemist



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French Broad Cannabis  
 19 N Caldwell St  
 Brevard, Colorado 28712  
 (828) 708-2225  
 403H-80533.128

Name: D9 Distillate  
 Type: Concentrates & Extracts  
 ID: 220501246.14365  
 Batch ID: HDE221169R  
 METRC Tag: 1A4000D00039211000001950

RECEIVED: 05/10/2022

TESTED: 05/10/2022

REPORTED: 05/13/2022

ANALYTE	LOD	LOQ	LIMIT	AMOUNT	STATUS
	PPM	PPM	PPM	PPM	
Acetone	77.014	154.028	1000	<LOD	Pass
Benzene	0.4735	0.947	2	<LOD	Pass
Butanes	9.823	19.646	1000	<LOD	Pass
Ethanol	77.505	155.010	1000	<LOD	Pass
Ethyl-Acetate	49.116	98.232	1000	<LOD	Pass
Heptanes	10.069	20.138	1000	<LOD	Pass
Hexanes	4.833	9.666	60	<LOD	Pass
Isopropanol	77.21	154.420	1000	<LOD	Pass
Methanol	194.499	388.998	600	<LOD	Pass
N-Pentane	9.234	18.468	1000	<LOD	Pass
Propane	9.823	19.646	1000	<LOD	Pass
Toluene	4.2435	8.487	180	<LOD	Pass
Xylenes	6.326	12.652	430	<LOD	Pass



### NOTES AND INTERPRETATIONS

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None.

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

Results Analyzed By:  
 Tyler Dorsey  
 Associate Chemist

Results Approved By:  
 Trey Murschell, PhD  
 Senior Chemist



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