



Certificate of Analysis
Compliance Test

Client Information:

French Broad Cannabis
50 Commerce St.
Brevard, NC 28712

Batch # WIP069003
Batch Date: 2023-04-27
Extracted From: Hemp

Test Reg State: Florida

Order # FRE230427-02001
Order Date: 2023-04-27
Sample # AAEK112

Sampling Date: 2023-04-28
Lab Batch Date: 2023-04-28
Orig. Completion Date: 2023-05-02

Initial Gross Weight: 35.359 g
Net Weight: 22.859 g

Number of Units: 1
Net Weight per Unit: 5714.750 mg

Statement of Amendment: Merging reports; (qPCR) With Botanicals



Product Image

Pathogenic **Tested** HHCP **Tested** Microbiology (qPCR) **Passed**

HHC Summary

Total HHC
43.378mg 0.759%

Pathogenic SE Microarray with Botanicals (25g)
Specimen Weight: 1010.000 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Salmonella	Passed	STEC E. Coli	Passed

Microbiology (qPCR) With Botanicals
Specimen Weight: 507.600 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result	Analyte	Action Level (cfu/g)	Result
Total Aerobic Count	100000	Not Detected	Total Enterobacteriaceae	1000	Not Detected
Total Coliform	1000	Not Detected	Total Yeast/Mold	10000	Not Detected

Aixia Sun
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 = THCV + (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, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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) = Water Activity, (mg/Kg) = Milligram per Kilogram, Passed - Analyte/microbe is non-detected or at the level below the action limit, Failed - Analyte/microbe is at the level that equal or above the action limit Revised report: see statement of amendment above.

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French Broad Cannabis
50 Commerce St.
Brevard, NC 28712

Batch # WIP069003
Batch Date: 2023-04-27
Extracted From: Hemp

Test Reg State: Florida

Order # FRE230427-020001
Order Date: 2023-04-27
Sample # AAEK112

Sampling Date: 2023-04-28
Lab Batch Date: 2023-04-28
Orig. Completion Date: 2023-05-02

Initial Gross Weight: 35.359 g
Net Weight: 22.859 g

Number of Units: 1
Net Weight per Unit: 5714.750 mg

HHCP

Specimen Weight: 209.300 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 1000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	3.6000	0.36	9(S)-HHCP	2.5500E-6	7.5E-5	<LOQ
(9S)-HHC	8.7400E-7	7.5E-5	3.9700	0.397	Delta-9 THC	2.8000E-5	7.5E-5	<LOQ
(±)-9β-hydroxy-HHC	4.5800E-7	7.5E-5	0.0205	0.00205	Total HHC		7.5905	0.75905
9(R)-HHCP	3.0900E-6	7.5E-5	<LOQ	<LOQ				

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

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HHC

 Sample ID: SA-230106-15493
 Batch: C-010423
 Type: In-Process Materials
 Matrix: Concentrate - Distillate
 Unit Mass (g):

 Received: 01/06/2023
 Completed: 01/20/2023

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit




 Generated By: Ryan Bellone
 CCO
 Date: 01/20/2023



 Tested By: Kelsey Rogers
 Scientist
 Date: 01/18/2023


HHC

 Sample ID: SA-230106-15493
 Batch: C-010423
 Type: In-Process Materials
 Matrix: Concentrate - Distillate
 Unit Mass (g):

 Received: 01/06/2023
 Completed: 01/20/2023

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Naled	30	100	ND
Chlorpyrifos	30	100	ND	Oxamyl	30	100	ND
Clofentezine	30	100	ND	Paclobutrazol	30	100	ND
Coumaphos	30	100	ND	Permethrin	30	100	ND
Daminozide	30	100	ND	Phosmet	30	100	ND
Diazinon	30	100	ND	Piperonyl Butoxide	30	100	ND
Dichlorvos	30	100	ND	Prallethrin	30	100	ND
Dimethoate	30	100	ND	Propiconazole	30	100	ND
Dimethomorph	30	100	ND	Propoxur	30	100	ND
Ethoprophos	30	100	ND	Pyrethrins	30	100	ND
Etofenprox	30	100	ND	Pyridaben	30	100	ND
Etoxazole	30	100	ND	Spinetoram	30	100	ND
Fenhexamid	30	100	ND	Spinosad	30	100	ND
Fenoxycarb	30	100	ND	Spiromesifen	30	100	ND
Fenpyroximate	30	100	ND	Spirotetramat	30	100	ND
Fipronil	30	100	ND	Spiroxamine	30	100	ND
Fonicamid	30	100	ND	Tebuconazole	30	100	ND
Fludioxonil	30	100	ND	Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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 Generated By: Ryan Bellone
 CCO
 Date: 01/20/2023



 Tested By: Jared Burkhart
 Technical Manager
 Date: 01/18/2023


HHC

 Sample ID: SA-230106-15493
 Batch: C-010423
 Type: In-Process Materials
 Matrix: Concentrate - Distillate
 Unit Mass (g):

 Received: 01/06/2023
 Completed: 01/20/2023

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

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 Generated By: Ryan Bellone
 CCO
 Date: 01/20/2023



 Tested By: Scott Caudill
 Senior Scientist
 Date: 01/20/2023
