



Certificate of Analysis

Sample: KN40110004-001
Batch#: FIN096002
Batch Date: 01/05/24
Sample Size Received: 50 gram
Retail Product Size: 1 gram
Ordered : 01/05/24
Sampled : 01/05/24
Completed: 01/17/24

PASSED

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Jan 17, 2024 | French Broad Cannabis

50 Commerce St Suite 6
Brevard, NC, 28712, US

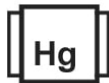
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
NOT TESTED



Residuals Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

Potency

PASSED



Total THC
0.1778%



Total CBN
0.3992%



Total Cannabinoids
0.577%

	CBDVA	CBDV	CBDA	CBGA	CBG	CBD	D9-THCV	D8-THCV	CBN	D9-THC	D8-THC	D10-THC	CBC	THCA
%	ND	ND	<0.01	ND	ND	<0.01	ND	ND	0.3992	0.1778	<0.01	ND	ND	ND
mg/g	ND	ND	<0.1	ND	ND	<0.1	ND	ND	3.992	1.778	<0.1	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2657 Weight: 0.2046g Extraction date: 01/10/24 17:14:33 Extracted by: N/A

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC: ± 0.100, THCA: ± 0.124, TOTAL THC ± 0.112. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Analytical Batch : KN004442POT

Instrument Used : E-SHI-008

Running on : N/A

Reviewed On : 01/10/24 16:51:12

Batch Date : 01/10/24 09:05:56

Dilution : N/A

Reagent : 083023.02; 100422.02; 010224.01; 112023.06; 010524.R03; 010924.R01; 110223.04

Consumables : 302110210; 22/04/01; 3254282; 251760; 260148; 230105059D; 1008702218; 94789291.271; GD220003; 6121219; 600185; 6850215; P250.100; B093201305

Pipette : E-VWR-119; E-VWR-120; E-VWR-121

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

This report shall not be reproduced, unless in its entirety, without written approval from Labstat. This report is an Labstat certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

01/17/24

Signed On



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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.012	ppm	0.3	PASS	ND	PIPERONYL BUTOXIDE	0.006	ppm	3	PASS	ND
ACEPHATE	0.008	ppm	3	PASS	ND	PRALLETHRIN	0.008	ppm	0.4	PASS	ND
ACEQUINOCYL	0.038	ppm	2	PASS	ND	PROPICONAZOLE	0.007	ppm	1	PASS	ND
ACETAMIPRID	0.009	ppm	3	PASS	ND	PROPOXUR	0.008	ppm	0.1	PASS	ND
ALDICARB	0.009	ppm	0.1	PASS	ND	PYRETHRINS	0.002	ppm	1	PASS	ND
AZOXYSTROBIN	0.013	ppm	3	PASS	ND	PYRIDABEN	0.007	ppm	3	PASS	ND
BIFENAZATE	0.028	ppm	3	PASS	ND	SPINETORAM	0.004	ppm	3	PASS	ND
BIFENTHRIN	0.047	ppm	0.5	PASS	ND	SPIROMESIFEN	0.009	ppm	3	PASS	ND
BOSCALID	0.007	ppm	3	PASS	ND	SPIROTETRAMAT	0.009	ppm	3	PASS	ND
CARBARYL	0.015	ppm	0.5	PASS	ND	SPIROXAMINE	0.006	ppm	0.1	PASS	ND
CARBOFURAN	0.008	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.009	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.012	ppm	1	PASS	ND	THIACLOPRID	0.008	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.008	ppm	3	PASS	ND	THIAMETHOXAM	0.009	ppm	1	PASS	ND
CHLORPYRIFOS	0.014	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.009	ppm	3	PASS	ND
CLOFENTEZINE	0.006	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.009	ppm	3	PASS	ND
COUMAPHOS	0.009	ppm	0.1	PASS	ND						
CYPERMETHRIN	0.01	ppm	1	PASS	ND	Analysed by:	Weight:	Extraction date:	Extracted by:		
DAMINOZIDE	0.006	ppm	0.1	PASS	ND	2803	1.0142g	01/10/24 13:50:48	2803		
DIAZANON	0.006	ppm	0.2	PASS	ND	Analysis Method :	SOP.T.30.101.TN, SOP.T.40.101.TN				
DICHLORVOS	0.014	ppm	0.1	PASS	ND	Analytical Batch :	KN004445PES	Reviewed On :	01/11/24 10:04:19		
DIMETHOATE	0.009	ppm	0.1	PASS	ND	Instrument Used :	E-SHI-125	Batch Date :	01/10/24 13:42:58		
DIMETHOMORPH	0.009	ppm	3	PASS	ND	Running on :	N/A				
ETHOPROPHOS	0.007	ppm	0.1	PASS	ND	Dilution :	N/A				
ETOFENPROX	0.009	ppm	0.1	PASS	ND	Reagent :	120623.R05; 121323.R03; 120623.R04; 120623.R03; 121323.R07; 121323.R08; 121323.R09; 121323.R10; 121323.R11; 121323.R12; 121323.R13; 121323.R14; 121323.R15; 110623.R01; 110623.R02; 010224.R01; 102323.R25; 092123.R09				
ETOXAZOLE	0.007	ppm	1.5	PASS	ND	Consumables :	302110210; K130252; 22/04/01; 21332MO; 220501; B9291.100; 01422036; 251760; 201123-058; 260148; 230713634D; 1008702218; 947B9291.271; 6850215; GD220003; 1350331; 230315				
FENHEXAMID	0.005	ppm	3	PASS	ND	Pipette :	E-EPP-080; E-EPP-081; E-EPP-082; E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119; E-LAB-123				
FENOXYCARB	0.007	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry.					
FENPYROXIMATE	0.006	ppm	2	PASS	ND	*Based on FL action limits.					
FIPRONIL	0.008	ppm	0.1	PASS	ND						
FLONICAMID	0.014	ppm	2	PASS	ND						
FLUDIOXONIL	0.011	ppm	3	PASS	ND						
HEXYTHIAZOX	0.009	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.005	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.009	ppm	2	PASS	ND						
METALAXYL	0.008	ppm	3	PASS	ND						
METHIOCARB	0.008	ppm	0.1	PASS	ND						
METHOMYL	0.009	ppm	0.1	PASS	ND						
MEVINPHOS	0.001	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.006	ppm	3	PASS	ND						
NALED	0.023	ppm	0.5	PASS	ND						
OXAMYL	0.009	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.007	ppm	0.1	PASS	ND						
PERMETHRINS	0.008	ppm	1	PASS	ND						
PHOSMET	0.009	ppm	0.2	PASS	ND						



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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	100	ppm	5000	PASS	ND
BUTANES (N-BUTANE)	100	ppm	5000	PASS	ND
METHANOL	20	ppm	250	PASS	ND
METHYLENE OXIDE	0.2	ppm	5	PASS	ND
PENTANES (N-PENTANE)	32	ppm	750	PASS	ND
ETHANOL	100	ppm	5000	PASS	ND
ETHYL ETHER	10	ppm	500	PASS	ND
1,1-DICHLOROETHENE	0.6	ppm	8	PASS	ND
ACETONE	40	ppm	750	PASS	ND
2-PROPANOL	25	ppm	500	PASS	ND
ACETONITRILE	20	ppm	60	PASS	ND
DICHLOROMETHANE	2	ppm	125	PASS	ND
N-HEXANE	10	ppm	250	PASS	ND
ETHYL ACETATE	11	ppm	400	PASS	ND
CHLOROFORM	0.04	ppm	2	PASS	ND
BENZENE	0.03	ppm	1	PASS	ND
1,2-DICHLOROETHANE	0.05	ppm	2	PASS	ND
HEPTANE	53	ppm	5000	PASS	ND
TRICHLOROETHYLENE	0.5	ppm	25	PASS	ND
TOLUENE	5	ppm	150	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	150	PASS	ND

Analyzed by: 3050	Weight: NA	Extraction date: N/A	Extracted by: N/A
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Analysis Method : SOP.T.40.041.TN	Reviewed On : 01/12/24 16:25:56
Analytical Batch : KN004447SOL	Batch Date : 01/11/24 10:06:17
Instrument Used : E-SHI-106	
Running on : N/A	

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Residual solvents analysis is performed using Gas Chromatography / Mass Spectrometry. *Based on FL action limits.



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Microbial						Heavy Metals					
PASSED						PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Metal	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		ARSENIC-AS	0.02	ppm	ND	PASS	1.5
SALMONELLA SPECIFIC GENE			Not Present	PASS		CADMIUM-CD	0.02	ppm	ND	PASS	0.5
ASPERGILLUS FLAVUS			Not Present	PASS		MERCURY-HG	0.02	ppm	ND	PASS	3
ASPERGILLUS FUMIGATUS			Not Present	PASS		LEAD-PB	0.02	ppm	<0.04	PASS	0.5
ASPERGILLUS NIGER			Not Present	PASS		Analyzed by: 2837, 3050 Weight: 0.2522g Extraction date: 01/12/24 15:22:07 Extracted by: 2837 Analysis Method: SOP.T.30.082, SOP.T.40.082.TN Analytical Batch: KN004443HEA Reviewed On: 01/17/24 14:04:55 Instrument Used: E-AGI-084 Batch Date: 01/10/24 11:45:48 Running on: N/A					
ASPERGILLUS TERREUS			Not Present	PASS		Dilution: N/A Reagent: 083023.02; 100422.02; 010424.R02; 112923.R05; 110823.R02; 110323.06; 081723.R04; 090723.R14; 010424.R01; 101323.R01; 111023.R01; 120523.R11; 120523.R12; 031623.R02; 010224.R05; 090723.R15 Consumables: 1008702218; GD220003; 1350331; 6121219; 600185; 829C6-829B; 221200; A260422A; A30701833 Pipette: E-EPP-081; E-EPP-082					
TOTAL YEAST AND MOLD	10	CFU	ND	PASS	100000	Heavy Metals analysis is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations. LOQ is 0.04 ppm for all metals. *Based on FL action limits.					
Analyzed by: 2837 Weight: 1.0236g Extraction date: 01/10/24 08:48:52 Extracted by: 2837 Analysis Method: SOP.T.40.056C, SOP.T.40.041 LOD is 1 CFU Analytical Batch: KN004441MIC Reviewed On: 01/10/24 16:32:17 Instrument Used: E-HEW-069 Batch Date: 01/10/24 08:06:23 Running on: N/A Dilution: N/A Reagent: 010924.01; 111523.02; 122222.01 Consumables: GD220003; 1350331; 22/04/01; 20221223; 10RWL0315W13; 251773; 242429; P7528255; 41218-146C4-146C; 263989; 93825; n/a; 247040; 0150210 Pipette: E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; E-THE-052; E-THE-053; E-THE-054											
Analyzed by: 2837 Weight: 1.0236g Extraction date: 01/10/24 13:07:38 Extracted by: 2837 Analysis Method: SOP.T.40.209.TN Analytical Batch: KN004444TYM Reviewed On: 01/12/24 16:16:48 Instrument Used: E-HEW-069 Batch Date: 01/10/24 12:56:23 Running on: N/A Dilution: N/A Reagent: 081123.02; 111523.02; 122222.01; 110623.01 Consumables: GD220003; 263989; 93825; n/a; 0150210 Pipette: E-BIO-188											
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques. *Based on FL action limits.											