

Cannanaut

1807 N Walnut Ave Suite W
Brandon, SD 57005
License #: 22ESTC7872

Sample: 12-23-2024-4998

Collection Date: 12/23/2024
Sampling Procedure: Client Sampled
Sample Arrival Date: 12/23/2024;
Report Date: 12/28/2024

Item Name : bahama berry flower
Type : Bud/Flower
Metric Package Label: 1A413010000125D000000322
Metric Source Package: 1A413010000125D000000321



Foreign Material
PASS

Moisture Content
7.64%

Water Activity
0.5396 aw

Cannabinoid Potency
TESTED

SD Microbials
PASS

Terpenes
TESTED

Pesticides
PASS

Mycotoxins
PASS

Heavy Metals
PASS



20.004 %
Total THC

0.065 %
Total CBD

Cannabinoids

(Testing Method: HPLC- DAD, TM-PT-07)
Date Tested: 12/26/2024

Complete

Analyte	Result	Result
	%	mg/g
Cannabidiolic Acid (CBDA)	0.074	0.739
Cannabidiol (CBD)	ND	ND
Δ-9 THC (DELTA9 THC)	0.496	4.955
Tetrahydrocannabinolic Acid (THCA)	22.245	222.450
Total	22.814	228.144

Total THC = THCA * 0.877 + Δ9-THC;
Total CBD = CBDA * 0.877 + CBD;
ND = Not Detected
T = Trace amounts, below limit of quantitation (LOQ)
All values reported on a dry-weight basis.

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SD Microbials

PASS

(Testing Method: qPCR / Petrifilm,)

Date Tested: 12/26/2024

Analyte	Limit	Result	Result
	CFU/g	CFU/g	Pass/Fail
Total Yeast and Mold	10000	1000	PASS
E.coli - STEC	1	Not Detected	PASS
Aspergillus Fumigatus	1	Not Detected	PASS
Aspergillus Niger	1	Not Detected	PASS
Aspergillus Flavus	1	Not Detected	PASS
Aspergillus Terreus	1	Not Detected	PASS
Total Aerobic Bacteria	100000	3900	PASS
Salmonella	1	Not Detected	PASS
Bile Tolerant Gram Negative Bacteria	1000	Not Detected	PASS

Test results marked as Pass conform to the state of South Dakota Medical Cannabis Program (ARSD 44:90:09) in isolation without regard to measurement uncertainty.

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Terpenes

(Testing Method: GC/MS - Liquid Injection, TM-TP-01)

12/26/2024

Analyte	Concentration		Analyte	Concentration	
	w/w%			w/w%	
α-Pinene	0.080		Isoborneol	ND	
Ocimene	0.066		Menthol	ND	
Camphene	ND		(±)-Borneol	0.089	
Sabinene	ND		Terpineol	0.049	
β-Pinene	0.054		Nerol	ND	
β-Myrcene	0.166		Geraniol	ND	
α-Phellandrene	ND		Pulegone	ND	
(+)-δ-3-Carene	ND		Geranyl Acetate	ND	
α-Terpinene	ND		Farnesene	ND	
(+)-Limonene	0.238		α-Cedrene	ND	
Eucalyptol	ND		E-Caryophyllene	0.410	
γ-Terpinene	ND		α-Humulene	0.115	
Terpinolene	ND		Valencene	ND	
Sabinene Hydrate (4-Thujanol)	T		Z-Nerolidol	ND	
Linalool	0.048		E-Nerolidol	ND	
(±)-Fenchone	ND		(-)-Guaial	0.096	
(+)-Endo-Fenchyl Alcohol	0.037		Carophyllene Oxide	0.048	
Isopulegol	ND		Cedrol	ND	
(±)-Camphor	ND		(-)-α-Bisabolol	ND	
Total	1.501		Total	1.501	

Primary Aromas



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Pesticides

PASS

(Testing Method: LC/MS/MS,)

12/26/2024

Analyte	Limit	Result	Result	Analyte	Limit	Result	Result
	ppm	ppm	pass/fail		ppm	ppm	pass/fail
Azoxystrobin	0.2	ND	PASS	Myclobutanil	0.2	ND	PASS
Abamectin	0.5	ND	PASS	Permethrins	0.2	ND	PASS
Bifenazate	0.2	ND	PASS	Spinosad	0.2	ND	PASS
Etoxazole	0.2	ND	PASS	Spiromesifen	0.2	ND	PASS
Imazalil	0.2	ND	PASS	Spirotetramat	0.2	ND	PASS
Imidacloprid	0.4	ND	PASS	Tebuconazole	0.4	ND	PASS
Malathion	0.2	ND	PASS	Any other prohibited pesticides	0.2	ND	PASS

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Mycotoxins

(Testing Method: LC/MS/MS,)
12/26/2024

PASS

Analyte	Limit	Result	Result
	ppb	ppb	Pass/Fail
Alfatoxins	20	ND	PASS
AflatoxinB1	20	ND	PASS
AflatoxinB2	20	ND	PASS
AflatoxinG1	20	ND	PASS
AflatoxinG2	20	ND	PASS
Ochratoxin A	20	ND	PASS

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Heavy Metals

(Method of Analysis: ICP-MS,)

Date Tested: 12/26/2024

PASS

Analyte	Limit	Result	Result
	ppm	ppm	Pass/Fail
Arsenic	0.2	T	PASS
Cadmium	0.2	0.029	PASS
Lead	0.5	0.006	PASS
Mercury	0.1	T	PASS

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TEST CERTIFICATION

The undersigned below attests that:

1. The above results were obtained after testing the submitted sample in accordance with the policies and procedures implemented at Cannabis Chem Lab for the purposes of producing a Certificate of Analysis;
2. Results are reported in isolation without regard to measurement uncertainty;
3. Sample information that is stated on this Certificate of Analysis is based on information as provided by the customer and transcribed by Cannabis Chem Lab as accurately as able;
4. This certificate of analysis represents a true and complete copy of the official test results. Copies, reproductions, or alterations of this Certificate of Analysis without written permission from Cannabis Chem Lab are prohibited;
5. The test results represent the test sample as received by the laboratory and in no way are meant to represent subsequent or similar product, harvest, or production batches; and
6. The Certificate of Analysis is a report of the results of a requested battery of tests which results and report of were executed and/or reviewed by the undersigned who has the authority of Cannabis Chem Lab: