

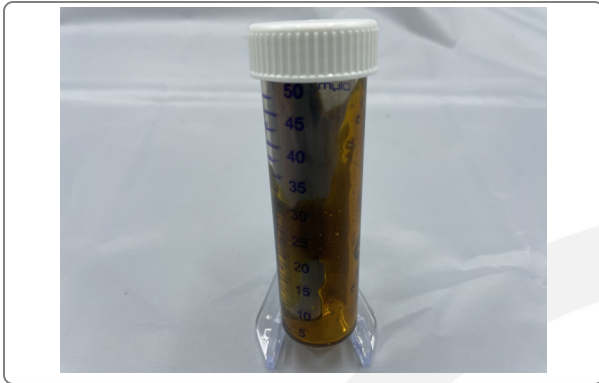
Sativa Blend - High Terpene Cannabinoid Full Spectrum Extract - Bulk

Sample ID: 2405EAZ0038.0142
Strain: Sativa Blend
Matrix: Concentrates & Extracts
Type: Full Extract Cannabis Oil
Batch#: FSS051024EX

Collected: 05/22/2024
Received: 05/22/2024
Completed: 05/28/2024 06:10 PM
Sample Size: 10.9 g;

Harvest Date: 10/25/2023
Manufacture Date: 05/10/2024

Client
Arizona Nectar Farms
Lic. # 00000126DCSO00060479
4116 E Superior Ave, Suite D,
Phoenix, AZ, 85040



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	05/22/2024	LC-UV VIS	Complete
Terpenes	05/22/2024	GC-MS	Complete
Pesticides	05/22/2024	LC-MS	Pass
Mycotoxins	05/23/2024	ELISA	Pass
Residual Solvents	05/22/2024	HS-GC-MS	Pass
Microbial Impurities	05/23/2024	3M Plating & qPCR	Pass
Heavy Metals	05/23/2024	ICP-MS	Pass

Cannabinoids

Method: SOPAZ_M-CANNABINOIDS

77.795 %

Total THC

0.143 %

Total CBD

81.337 %

Total Cannabinoids

Analytes	LOQ	Result	Result	Q
	mg/g	%	mg/g	
THCA	0.755	ND	ND	
Δ9 THC	0.755	77.795	777.95	
Δ8 THC	0.755	ND	ND	
THCVA	0.755	ND	ND	
THCV	0.755	0.595	5.95	
CBDA	0.755	ND	ND	
CBD	0.755	0.143	1.43	
CBN	0.755	0.373	3.73	
CBGA	0.755	ND	ND	
CBG	0.755	1.357	13.57	
CBCA	0.755	ND	ND	
CBC	0.755	1.073	10.73	
Total THC		77.795	777.95	Q3
Total CBD		0.143	1.43	Q3
Total Cannabinoids		81.337	813.37	Q3
Sum of Cannabinoids		81.337	813.37	Q3

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; NT = Not Tested; ND = Not Detected Moisture Method: SOPAZ_M-MOISTURE



Kevin Nolan
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Laboratory Technical Director | 05/28/2024

Firas Haddad
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Terpenes

Method: SOPAZ_M-TERPENES

Analytes	LOQ	Result	Result	Q
	mg/g	mg/g	%	
β-Caryophyllene	0.197	19.181	1.918	Q3
α-Humulene	0.197	8.154	0.815	Q3
Linalool	0.197	5.138	0.514	Q3
δ-Limonene	0.197	3.409	0.341	Q3
α-Bisabolol	0.984	2.858	0.286	Q3
β-Myrcene	0.197	1.693	0.169	Q3
trans-Nerolidol	0.236	1.434	0.143	Q3
Caryophyllene Oxide	0.984	<LOQ	<LOQ	Q3
β-Pinene	0.197	0.613	0.061	Q3
α-Pinene	0.197	0.603	0.060	Q3
Camphene	0.197	0.211	0.021	Q3
Terpinolene	0.197	<LOQ	<LOQ	Q3
γ-Terpinene	0.197	<LOQ	<LOQ	Q3
α-Terpinene	0.197	<LOQ	<LOQ	Q3
δ-3-Carene	0.197	ND	ND	Q3
p-Cymene	0.197	ND	ND	Q3
Eucalyptol	0.197	ND	ND	Q3
cis-B-ocimene	0.197	ND	ND	Q3
trans-B-ocimene	0.197	ND	ND	Q3
Isopulegol	0.984	ND	ND	Q3
Geraniol	0.984	ND	ND	Q3
cis-Nerolidol	0.394	ND	ND	Q3
Guaiol	0.984	ND	ND	Q3
Total		43.294	4.329	Q3

Date Tested: 05/22/2024

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Primary Aromas

 Clove	 Hops	 Lavender	 Citrusy	 Chamomile
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Pesticides

Method: SOPAZ_M-PESTICIDES

Analytes	LOQ	Limit	Result	Status	Q	Analytes	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm				ppm	ppm	ppm		
Abamectin B1a	0.112	0.500	ND	Pass		Imazalil	0.093	0.200	ND	Pass	
Acephate	0.186	0.400	ND	Pass		Imidacloprid	0.186	0.400	ND	Pass	
Acetamiprid	0.093	0.200	ND	Pass		Kresoxim-methyl	0.186	0.400	ND	Pass	
Aldicarb	0.186	0.400	ND	Pass		Malathion	0.093	0.200	ND	Pass	
Azoxystrobin	0.093	0.200	ND	Pass		Metalaxyl	0.093	0.200	ND	Pass	
Bifenazate	0.093	0.200	ND	Pass		Methiocarb	0.093	0.200	ND	Pass	
Bifenthrin	0.046	0.200	ND	Pass		Methomyl	0.186	0.400	ND	Pass	
Boscalid	0.186	0.400	ND	Pass		Myclobutanil	0.093	0.200	ND	Pass	
Carbaryl	0.093	0.200	ND	Pass		Naled	0.232	0.500	ND	Pass	
Carbofuran	0.093	0.200	ND	Pass		Oxamyl	0.464	1.000	ND	Pass	
Chlorantraniliprole	0.093	0.200	ND	Pass		Paclobutrazol	0.186	0.400	ND	Pass	
Chlorpyrifos	0.046	0.200	ND	Pass		Permethrins	0.046	0.200	ND	Pass	
Clofentezine	0.093	0.200	ND	Pass		Phosmet	0.093	0.200	ND	Pass	
Cypermethrin	0.464	1.000	ND	Pass		Piperonyl Butoxide	0.464	2.000	<LOQ	Pass	
Daminozide	0.464	1.000	ND	Pass		Prallethrin	0.093	0.200	ND	Pass	
Diazinon	0.093	0.200	ND	Pass		Propiconazole	0.186	0.400	ND	Pass	
Dichlorvos	0.046	0.100	ND	Pass		Propoxur	0.093	0.200	ND	Pass	
Dimethoate	0.093	0.200	ND	Pass		Pyrethrins	0.422	1.000	ND	Pass	
Ethoprophos	0.093	0.200	ND	Pass		Pyridaben	0.046	0.200	ND	Pass	
Etofenprox	0.093	0.400	ND	Pass		Spinosad	0.093	0.200	ND	Pass	
Etoazole	0.093	0.200	ND	Pass		Spiromesifen	0.093	0.200	ND	Pass	
Fenoxycarb	0.093	0.200	ND	Pass		Spiroxamine	0.186	0.400	ND	Pass	
Fenpyroximate	0.186	0.400	ND	Pass		Tebuconazole	0.186	0.400	ND	Pass	
Fipronil	0.186	0.400	ND	Pass		Thiacloprid	0.093	0.200	ND	Pass	
Flonicamid	0.464	1.000	ND	Pass		Thiamethoxam	0.093	0.200	ND	Pass	
Fludioxonil	0.186	0.400	ND	Pass		Trifloxystrobin	0.093	0.200	ND	Pass	
Hexythiazox	0.232	1.000	ND	Pass		Chlorfenapyr	0.464	1.000	ND	Pass	
						Cyfluthrin	0.464	1.000	ND	Pass	

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Mycotoxins

Method: SOPAZ_M-MYCOTOXINS

Analytes	LOQ	Limit	Result	Status	Q
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins	9.98	20.00	ND	Pass	
Ochratoxin A	9.98	20.00	ND	Pass	

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Residual Solvents

Method: SOPAZ_M-RES_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm	ppm		
Propane	238.76	1099.90	5000.00	ND	Pass	
Methanol	54.51	641.34	3000.00	ND	Pass	
Ethanol	109.31	1088.91	5000.00	ND	Pass	
Ethyl ether	102.57	1073.81	5000.00	ND	Pass	
Acetone	19.21	211.75	1000.00	ND	Pass	
2-Propanol (IPA)	106.24	1037.43	5000.00	ND	Pass	
Acetonitrile	24.70	97.51	410.00	ND	Pass	
Dichloromethane	10.79	130.00	600.00	ND	Pass	
Ethyl acetate	94.95	1066.44	5000.00	ND	Pass	
Chloroform	1.58	13.15	60.00	ND	Pass	
Benzene	0.15	0.40	2.00	ND	Pass	R1
Isopropyl acetate	94.60	1062.48	5000.00	ND	Pass	
Heptane	92.52	1052.52	5000.00	ND	Pass	
Toluene	18.07	183.17	890.00	ND	Pass	
Butanes	618.81	1017.92	5000.00	ND	Pass	
Hexanes	36.19	61.58	290.00	ND	Pass	
Pentanes	618.81	1027.72	5000.00	ND	Pass	
Xylenes	538.96	886.49	2170.00	ND	Pass	

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Microbial Impurities

Method: SOPAZ_M-ECOLI

Analytes	Result	Limit	Status	Q
Escherichia coli	0	< 100 CFU/g	Pass	

Method: SOPAZ_M-MICROBIALS

Analytes	Result	Limit	Status	Q
Salmonella spp	Not Detected	Not Detected in One Gram	Pass	
Aspergillus flavus	Not Detected	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected	Not Detected in One Gram	Pass	

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Heavy Metals

Method: SOPAZ_M-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm	ppm		
Arsenic	0.031	0.093	0.400	ND	Pass	
Cadmium	0.033	0.093	0.400	ND	Pass	
Mercury	0.025	0.070	0.200	ND	Pass	
Lead	0.131	0.395	1.000	ND	Pass	

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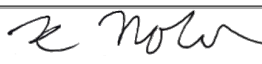
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Qualifier Legend

- B1** *The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.*
- B2** *The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.*
- D1** *The limit of quantitation and the sample results were adjusted to reflect sample dilution.*
- I1** *The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.*
- L1** *When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.*
- M1** *The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.*
- M2** *The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.*
- M3** *The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.*
- M4** *The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.*
- M5** *The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.*
- M6** *A description of the variance is described in the final report of testing according to R9-17- 404.06(B)(3)(d)(ii).*
- Q1** *Sample integrity was not maintained.*
- Q2** *The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.*
- Q3** *Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317.*
- R1** *The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.*
- R2** *The relative percent difference for a sample and duplicate exceeded the limit.*
- V1** *The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.*

Report Notes




Kevin Nolan
Laboratory Technical Director | 05/28/2024


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Laboratory Manager | 05/28/2024

