

Grape Cake

Sample ID: 2411EAZ0359.1379
Strain: Grape Cake
Matrix: Plant
Type: Flower - Cured
Batch#: 3581 2404 5637 9338

Collected: 11/21/2024
Received: 11/21/2024
Completed: 11/25/2024 08:55 PM
Sample Size: 9.73 g;

Harvest Date: 11/11/2024
Manufacture Date:
External Lot ID#:
Production Method:

Client
Riggs Family Farms
Lic. # 00000083ESGB09219996
12475 West Alice Avenue,
El Mirage, AZ, 85335



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	11/21/2024	LC-UV VIS	Complete
Pesticides	11/21/2024	LC-MS	Pass
Microbial Impurities	11/25/2024	3M Plating & qPCR	Pass
Heavy Metals	11/25/2024	ICP-MS	Pass

Cannabinoids

Method: SOPAZ_M-CANNABINOIDS

26.390 %

Total THC

0.037 %

Total CBD

27.695 %

Total Cannabinoids

Analytes	LOQ	Result	Result	Q
	mg/g	%	mg/g	
THCA	0.190	24.219	242.19	Q3
Δ9 THC	0.190	5.151	51.51	Q3
Δ8 THC	0.190	ND	ND	Q3
THCVA	0.190	ND	ND	Q3
THCV	0.190	0.022	0.22	Q3
CBDA	0.190	0.042	0.42	Q3
CBD	0.190	ND	ND	Q3
CBN	0.190	0.034	0.34	Q3
CBGA	0.190	0.672	6.72	Q3
CBG	0.190	0.218	2.18	Q3
CBCA	0.190	0.463	4.63	Q3
CBC	0.190	ND	ND	Q3
Total THC		26.390	263.90	Q3
Total CBD		0.037	0.37	Q3
Total Cannabinoids		27.695	276.95	Q3
Sum of Cannabinoids		30.819	308.19	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



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Laboratory Technical Director | 11/25/2024

Firas Haddad
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Laboratory Manager | 11/25/2024



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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	Q3	Imidacloprid	0.185	0.400	ND	Pass	Q3
Acephate	0.185	0.400	ND	Pass	Q3	Kresoxim-methyl	0.185	0.400	ND	Pass	Q3
Acetamiprid	0.092	0.200	ND	Pass	Q3	Malathion	0.092	0.200	ND	Pass	Q3
Aldicarb	0.185	0.400	ND	Pass	Q3	Metalaxyl	0.092	0.200	ND	Pass	Q3
Azoxystrobin	0.092	0.200	ND	Pass	Q3	Methiocarb	0.092	0.200	ND	Pass	Q3
Bifenazate	0.092	0.200	ND	Pass	Q3	Methomyl	0.185	0.400	ND	Pass	Q3
Bifenthrin	0.046	0.200	ND	Pass	Q3	Myclobutanil	0.092	0.200	ND	Pass	Q3
Boscalid	0.185	0.400	ND	Pass	Q3	Naled	0.231	0.500	ND	Pass	Q3
Carbaryl	0.092	0.200	ND	Pass	Q3	Oxamyl	0.462	1.000	ND	Pass	Q3
Carbofuran	0.092	0.200	ND	Pass	Q3	Paclobutrazol	0.185	0.400	ND	Pass	Q3
Chlorantraniliprole	0.092	0.200	ND	Pass	Q3	Permethrins	0.046	0.200	ND	Pass	Q3
Chlorpyrifos	0.046	0.200	ND	Pass	Q3	Phosmet	0.092	0.200	ND	Pass	Q3
Clofentezine	0.092	0.200	ND	Pass	Q3	Piperonyl Butoxide	0.462	2.000	ND	Pass	Q3
Cypermethrin	0.462	1.000	ND	Pass	Q3	Prallethrin	0.092	0.200	ND	Pass	Q3
Daminozide	0.462	1.000	ND	Pass	Q3	Propiconazole	0.185	0.400	ND	Pass	Q3
Diazinon	0.092	0.200	ND	Pass	Q3	Propoxur	0.092	0.200	ND	Pass	Q3
Dichlorvos	0.046	0.100	ND	Pass	Q3	Pyrethrins	0.421	1.000	ND	Pass	Q3
Dimethoate	0.092	0.200	ND	Pass	Q3	Pyridaben	0.046	0.200	ND	Pass	Q3
Ethoprophos	0.092	0.200	ND	Pass	Q3	Spinosad	0.092	0.200	ND	Pass	Q3
Etofenprox	0.092	0.400	ND	Pass	Q3	Spiromesifen	0.092	0.200	ND	Pass	Q3
Etoxazole	0.092	0.200	ND	Pass	Q3	Spirotetramat	0.092	0.200	ND	Pass	Q3
Fenoxycarb	0.092	0.200	ND	Pass	Q3	Spiroxamine	0.185	0.200	ND	Pass	Q3
Fenpyroximate	0.185	0.400	ND	Pass	Q3	Tebuconazole	0.185	0.400	ND	Pass	Q3
Fipronil	0.185	0.400	ND	Pass	Q3	Thiacloprid	0.092	0.200	ND	Pass	Q3
Flonicamid	0.462	1.000	ND	Pass	Q3	Thiamethoxam	0.092	0.200	ND	Pass	Q3
Fludioxonil	0.185	0.400	ND	Pass	Q3	Trifloxystrobin	0.092	0.200	ND	Pass	Q3
Hexythiazox	0.231	1.000	ND	Pass	Q3	Chlorfenapyr	0.462	1.000	ND	Pass	Q3
Imazalil	0.092	0.200	ND	Pass	Q3	Cyfluthrin	0.462	1.000	ND	Pass	Q3

Date Tested: 11/21/2024

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Microbial Impurities

Method: SOPAZ_M-ECOLI

Analytes	Result	Limit	Status	Q
Escherichia coli	0	< 100 CFU/g	Pass	Q3

Date Tested: 11/22/2024

Method: SOPAZ_M-MICROBIALS

Analytes	Result	Limit	Status	Q
Salmonella spp	Not Detected	Not Detected in One Gram	Pass	Q3
Aspergillus flavus	Not Detected	Not Detected in One Gram	Pass	Q3
Aspergillus niger	Not Detected	Not Detected in One Gram	Pass	Q3
Aspergillus fumigatus	Not Detected	Not Detected in One Gram	Pass	Q3
Aspergillus terreus	Not Detected	Not Detected in One Gram	Pass	Q3

Date Tested: 11/25/2024

Heavy Metals

Method: SOPAZ_M-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm	ppm		
Arsenic	0.032	0.095	0.400	ND	Pass	Q3
Cadmium	0.034	0.095	0.400	ND	Pass	Q3
Mercury	0.025	0.071	0.200	ND	Pass	Q3
Lead	0.134	0.405	1.000	ND	Pass	Q3

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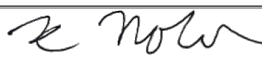
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Qualifier Legend

- B1** *The target analyte detected in the calibration blank required or the method blank 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 required or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, growth regulators, mycotoxins, heavy metals, or residual solvents, is below the maximum allowable concentration.*
- 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.*
- N1** *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 initial or continuing calibration verification standards 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.*

Report Notes




Kevin Nolan
Laboratory Technical Director | 11/25/2024


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