

## Zack's Cake Live Hash Rosin

**Sample ID: 2511EAZ0820.3958**  
Strain: Zack's Cake  
Matrix: Concentrates & Extracts  
Type: Live Rosin  
Batch#: 4TB4S

Collected: 11/07/2025 12:50 PM  
Received: 11/07/2025  
Completed: 11/12/2025  
Sample Size: 65.59 g;

Harvest Date: 09/23/2025  
Manufacture Date: 10/24/2025  
External Lot ID#:   
Production Method: Ice/Water

Client  
**Canna Brands**  
Lic. # 0000156ESTDP70697204  
1225 W Deer Valley  
Phoenix, AZ



### Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	11/07/2025	LC-UV VIS	Complete
Terpenes	11/10/2025	GC-MS	Complete
Pesticides	11/07/2025	LC-MS	Pass
Mycotoxins	11/10/2025	ELISA	Pass
Residual Solvents	11/10/2025	HS-GC-MS	Pass
Microbial Impurities	11/11/2025	3M Plating & qPCR	Pass
Heavy Metals	11/10/2025	ICP-MS	Pass

### Cannabinoids

Method: SOPAZ\_M-CANNABINOIDS

**77.426 %**

Total THC

**0.123 %**

Total CBD

**81.788 %**

Total Cannabinoids <sup>Q3</sup>

Analytes	LOQ	Result	Result	Q
	mg/g	%	mg/g	
THCA	0.741	87.584	875.83	
Δ9 THC	0.741	0.615	6.15	
Δ8 THC	0.741	ND	ND	
THCVA	0.741	0.218	2.18	
THCV	0.741	ND	ND	
CBDA	0.741	0.140	1.40	
CBD	0.741	ND	ND	
CBN	0.741	ND	ND	
CBGA	0.741	3.071	30.71	
CBG	0.741	0.456	4.56	
CBCA	0.741	1.025	10.25	
CBC	0.741	ND	ND	
<b>Total THC</b>		<b>77.426</b>	<b>774.26</b>	
<b>Total CBD</b>		<b>0.123</b>	<b>1.23</b>	
<b>Total Cannabinoids</b>		<b>81.788</b>	<b>817.88</b>	<b>Q3</b>
<b>Sum of Cannabinoids</b>		<b>93.109</b>	<b>931.09</b>	<b>Q3</b>

Date Tested: 11/07/2025

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*  
Kevin Nolan  
Laboratory Technical Director | 11/12/2025

*Firas Haddad*  
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### Terpenes

Method: SOPAZ\_M-TERPENES

Analytes	LOQ	Result	Result	Q
	mg/g	mg/g	%	
δ-Limonene	0.189	16.116	1.612	Q3
β-Caryophyllene	0.189	14.233	1.423	Q3
Linalool	0.189	9.751	0.975	Q3
α-Humulene	0.189	4.593	0.459	Q3
Guaiol	0.947	3.688	0.369	Q3
α-Bisabolol	0.947	2.849	0.285	Q3
β-Pinene	0.189	2.154	0.215	Q3
α-Pinene	0.189	1.233	0.123	Q3
β-Myrcene	0.189	0.923	0.092	Q3
Camphene	0.189	0.380	0.038	Q3
Caryophyllene Oxide	0.947	<LOQ	<LOQ	Q3
Terpinolene	0.189	0.245	0.024	Q3
cis-B-ocimene	0.189	<LOQ	<LOQ	Q3
δ-3-Carene	0.189	ND	ND	Q3
α-Terpinene	0.189	ND	ND	Q3
p-Cymene	0.189	ND	ND	Q3
Eucalyptol	0.189	ND	ND	Q3
trans-B-ocimene	0.189	ND	ND	Q3
γ-Terpinene	0.189	ND	ND	Q3
Isopulegol	0.947	ND	ND	Q3
Geraniol	0.947	ND	ND	Q3
cis-Nerolidol	0.379	ND	ND	Q3
trans-Nerolidol	0.227	ND	ND	Q3
<b>Total</b>		<b>56.164</b>	<b>5.616</b>	<b>Q3</b>

Date Tested: 11/10/2025

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### Primary Aromas

 Citrusy	 Clove	 Lavender	 Hops	 Wood
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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	0.116	0.500	ND	Pass	L1	Imidacloprid	0.192	0.400	ND	Pass	
Acephate	0.192	0.400	ND	Pass		Kresoxim-methyl	0.192	0.400	ND	Pass	
Acetamiprid	0.096	0.200	ND	Pass		Malathion	0.096	0.200	ND	Pass	
Aldicarb	0.192	0.400	ND	Pass		Metalaxyl	0.096	0.200	ND	Pass	
Azoxystrobin	0.096	0.200	ND	Pass		Methiocarb	0.096	0.200	ND	Pass	
Bifenazate	0.096	0.200	ND	Pass		Methomyl	0.192	0.400	ND	Pass	
Bifenthrin	0.048	0.200	ND	Pass		Myclobutanil	0.096	0.200	ND	Pass	
Boscalid	0.192	0.400	ND	Pass		Naled	0.239	0.500	ND	Pass	
Carbaryl	0.096	0.200	ND	Pass		Oxamyl	0.479	1.000	ND	Pass	
Carbofuran	0.096	0.200	ND	Pass		Paclobutrazol	0.192	0.400	ND	Pass	
Chlorantraniliprole	0.096	0.200	ND	Pass		Permethrins	0.048	0.200	ND	Pass	
Chlorpyrifos	0.048	0.200	ND	Pass		Phosmet	0.096	0.200	ND	Pass	
Clofentezine	0.096	0.200	ND	Pass		Piperonyl Butoxide	0.479	2.000	ND	Pass	
Cypermethrin	0.479	1.000	ND	Pass		Prallethrin	0.096	0.200	ND	Pass	
Daminozide	0.479	1.000	ND	Pass	L1, V1	Propiconazole	0.192	0.400	ND	Pass	
Diazinon	0.096	0.200	ND	Pass		Propoxur	0.096	0.200	ND	Pass	
Dichlorvos	0.048	0.100	ND	Pass		Pyrethrins	0.436	1.000	ND	Pass	
Dimethoate	0.096	0.200	ND	Pass		Pyridaben	0.048	0.200	ND	Pass	
Ethoprophos	0.096	0.200	ND	Pass		Spinosad	0.096	0.200	ND	Pass	
Etofenprox	0.096	0.400	ND	Pass		Spiromesifen	0.096	0.200	ND	Pass	
Etoazole	0.096	0.200	ND	Pass		Spirotetramat	0.096	0.200	ND	Pass	
Fenoxycarb	0.096	0.200	ND	Pass		Spiroxamine	0.192	0.200	ND	Pass	
Fenpyroximate	0.192	0.400	ND	Pass		Tebuconazole	0.192	0.400	ND	Pass	
Fipronil	0.192	0.400	ND	Pass		Thiacloprid	0.096	0.200	ND	Pass	
Flonicamid	0.479	1.000	ND	Pass	L1	Thiamethoxam	0.096	0.200	ND	Pass	
Fludioxonil	0.192	0.400	ND	Pass		Trifloxystrobin	0.096	0.200	ND	Pass	
Hexythiazox	0.239	1.000	ND	Pass		Chlorfenapyr	0.479	1.000	ND	Pass	
Imazalil	0.096	0.200	ND	Pass		Cyfluthrin	0.479	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	9.52	20.00	ND	Pass	
Ochratoxin A	9.52	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		
Methanol	52.93	622.84	3000.00	ND	Pass	
Ethanol	106.15	1057.50	5000.00	ND	Pass	
Ethyl ether	99.62	1042.84	5000.00	ND	Pass	
Acetone	18.65	205.64	1000.00	ND	Pass	
2-Propanol (IPA)	103.17	1007.50	5000.00	ND	Pass	
Acetonitrile	23.99	94.69	410.00	ND	Pass	V1
Dichloromethane	10.48	126.25	600.00	ND	Pass	
Ethyl acetate	92.21	1035.67	5000.00	ND	Pass	
Chloroform	1.54	12.77	60.00	ND	Pass	
Benzene	0.14	0.38	2.00	ND	Pass	
Isopropyl acetate	91.88	1031.83	5000.00	ND	Pass	
Heptane	89.86	1022.16	5000.00	ND	Pass	
Toluene	17.55	177.88	890.00	ND	Pass	
Butanes	600.96	988.56	5000.00	ND	Pass	
Hexanes	35.14	59.81	290.00	ND	Pass	
Pentanes	600.96	998.08	5000.00	ND	Pass	
Xylenes	523.41	860.91	2170.00	ND	Pass	

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### Microbial Impurities

Method: SOPAZ\_M-ECOLI

Analytes	Result	Limit	Status	Q
Escherichia coli	<10 CFU/g	100 CFU/g	Pass	

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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	

Date Tested: 11/11/2025



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**Heavy Metals**

Method: SOPAZ\_M-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm	ppm		
Arsenic	0.030	0.091	0.400	ND	Pass	
Cadmium	0.032	0.091	0.400	ND	Pass	
Mercury	0.024	0.068	0.200	ND	Pass	
Lead	0.128	0.386	1.000	ND	Pass	

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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 between values obtained according to subsection N is more than 40%.*
- 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 | 11/12/2025

  
Firas Haddad  
Laboratory Manager | 11/12/2025

