

Sample ID: 2507EAZ0553.2646

Strain: AJ Sour Diesel Matrix: Concentrates & Extracts

Type: Live Rosin

Batch#: 07132025F2R8AJSDROS

Collected: 07/31/2025 12:38 PM

Received: 07/31/2025 Completed: 08/05/2025

Sample Size: 66.77 g;

Harvest Date: 07/13/2025 Manufacture Date: 07/21/2025

External Lot ID#: 07132025F2R8AJSDROS

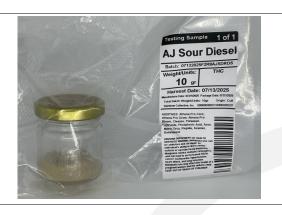
Production Method: Pressing

Client

The Prime Leaf

Lic. # 00000039DCVR00320237

4220 E Speedway, Tucson, AZ, 85712



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	08/01/2025	LC-UV VIS	Complete
Terpenes	08/01/2025	GC-MS	Complete
Pesticides	07/31/2025	LC-MS	Pass
Mycotoxins	08/01/2025	ELISA	Pass
Residual Solvents	07/31/2025	HS-GC-MS	Pass
Microbial Impurities	08/04/2025	3M Plating & qPCR	Pass
Heavy Metals	08/04/2025	ICP-MS	Pass

Cannabinoids

Method: SOPAZ_M-CANNABINOIDS

75.449 %

Total THC

0.116 %

Total CBD

79.408 %

Total Cannabinoids Q3

Analytes	LOQ	Result	Result	Q
	mg/g	%	mg/g	
THCA	0.784	85.370	853.70	
Δ9 THC	0.784	0.580	5.80 ▮	
Δ8 THC	0.784	ND	ND	
THCVA	0.784	0.348	3.48▮	
THCV	0.784	ND	ND	
CBDA	0.784	0.133	1.33▮	
CBD	0.784	ND	ND	
CBN	0.784	ND	ND	
CBGA	0.784	2.850	28.50 ■	
CBG	0.784	0.294	2.94 ▮	
CBCA	0.784	0.847	8.47 ▮	
CBC	0.784	ND	ND	
Total THC		75.449	754.49	
Total CBD		0.116	1.16	
Total Cannabinoids		79.408	794.08	Q3
Sum of Cannabinoids		90.422	904.22	Q3

Date Tested: 08/01/2025

Total THC = THCa * 0.877 + Δ 9-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: SOP AZ_M-MOISTURE



Kevin Nolan

Laboratory Technical Director | 08/05/2025

Firas Haddad Laboratory Manager | 08/05/2025





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Terpenes

Method: SOPAZ_M-TERPENES

Analytes	LOQ	Result	Result	Q
	mg/g	mg/g	%	
δ-Limonene	0.183	17.245	1.724	Q3
β-Myrcene	0.183	16.354	1.635	Q3
β-Caryophyllene	0.183	12.576	1.258	Q 3
Linalool	0.183	6.030	0.603	Q3
α-Humulene	0.183	5.285	0.528	Q3
β-Pinene	0.183	2.949	0.295	Q3
α-Pinene	0.183	1.657	0.166	Q3
α-Bisabolol	0.916	1.623	0.162	Q3
Camphene	0.183	0.504	0.050 ■	Q3
Caryophyllene Oxide	0.916	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
Terpinolene	0.183	0.254	0.025 ▮	Q3
cis-B-ocimene	0.183	<loq< td=""><td><loq< td=""><td>Q3</td></loq<></td></loq<>	<loq< td=""><td>Q3</td></loq<>	Q3
δ-3-Carene	0.183	ND	ND	Q3
α-Terpinene	0.183	ND	ND	Q3
p-Cymene	0.183	ND	ND	Q3
Eucalyptol	0.183	ND	ND	Q3
trans-B-ocimene	0.183	ND	ND	Q3
y-Terpinene	0.183	ND	ND	Q3
Isopulegol	0.916	ND	ND	Q3
Geraniol	0.916	ND	ND	Q3
cis-Nerolidol	0.366	ND	ND	Q3
trans-Nerolidol	0.220	ND	ND	Q3
Guaiol	0.916	ND	ND	Q3
Total		64.475	6.447	Q3

Date Tested: 08/01/2025

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Primary Aromas





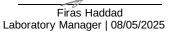








Kevin Nolan Laboratory Technical Director | 08/05/2025







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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	0.111	0.500	ND	Pass	L1	Imidacloprid	0.183	0.400	ND	Pass	
Acephate	0.183	0.400	ND	Pass		Kresoxim-methyl	0.183	0.400	ND	Pass	
Acetamiprid	0.092	0.200	ND	Pass		Malathion	0.092	0.200	ND	Pass	
Aldicarb	0.183	0.400	ND	Pass		Metalaxyl	0.092	0.200	ND	Pass	
Azoxystrobin	0.092	0.200	ND	Pass		Methiocarb	0.092	0.200	ND	Pass	
Bifenazate	0.092	0.200	ND	Pass		Methomyl	0.183	0.400	ND	Pass	
Bifenthrin	0.046	0.200	ND	Pass		Myclobutanil	0.092	0.200	ND	Pass	
Boscalid	0.183	0.400	ND	Pass		Naled	0.229	0.500	ND	Pass	
Carbaryl	0.092	0.200	ND	Pass	R1	Oxamyl	0.458	1.000	ND	Pass	
Carbofuran	0.092	0.200	ND	Pass		Paclobutrazol	0.183	0.400	ND	Pass	
Chlorantraniliprole	0.092	0.200	ND	Pass		Permethrins	0.046	0.200	ND	Pass	
Chlorpyrifos	0.046	0.200	ND	Pass		Phosmet	0.092	0.200	ND	Pass	
Clofentezine	0.092	0.200	ND	Pass		Piperonyl Butoxide	0.458	2.000	ND	Pass	
Cypermethrin	0.458	1.000	ND	Pass		Prallethrin	0.092	0.200	ND	Pass	
Daminozide	0.458	1.000	ND	Pass		Propiconazole	0.183	0.400	ND	Pass	
Diazinon	0.092	0.200	ND	Pass		Propoxur	0.092	0.200	ND	Pass	
Dichlorvos	0.046	0.100	ND	Pass		Pyrethrins	0.417	1.000	ND	Pass	
Dimethoate	0.092	0.200	ND	Pass		Pyridaben	0.046	0.200	ND	Pass	
Ethoprophos	0.092	0.200	ND	Pass		Spinosad	0.092	0.200	ND	Pass	
Etofenprox	0.092	0.400	ND	Pass		Spiromesifen	0.092	0.200	ND	Pass	
Etoxazole	0.092	0.200	ND	Pass		Spirotetramat	0.092	0.200	ND	Pass	
Fenoxycarb	0.092	0.200	ND	Pass		Spiroxamine	0.183	0.200	ND	Pass	
Fenpyroximate	0.183	0.400	ND	Pass		Tebuconazole	0.183	0.400	ND	Pass	
Fipronil	0.183	0.400	ND	Pass		Thiacloprid	0.092	0.200	ND	Pass	
Flonicamid	0.458	1.000	ND	Pass		Thiamethoxam	0.092	0.200	ND	Pass	
Fludioxonil	0.183	0.400	ND	Pass		Trifloxystrobin	0.092	0.200	ND	Pass	
Hexythiazox	0.229	1.000	ND	Pass		Chlorfenapyr	0.458	1.000	ND	Pass	
Imazalil	0.092	0.200	ND	Pass		Cyfluthrin	0.458	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	9.40	20.00	ND	Pass
Ochratoxin A	9.40	20.00	ND	Pass

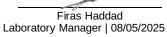
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Laboratory Technical Director | 08/05/2025





Encore Labs Arizona 16624 N 90th St, Suite 101 Scottsdale, AZ 85260

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Residual Solvents

Method: SOPAZ M-RES SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status	Q
	ppm	ppm	ppm	ppm		
Methanol	50.97	599.77	3000.00	ND	Pass	
Ethanol	102.22	1018.33	5000.00	ND	Pass	
Ethyl ether	95.93	1004.21	5000.00	ND	Pass	
Acetone	17.96	198.02	1000.00	ND	Pass	
2-Propanol (IPA)	99.35	970.18	5000.00	<loq< td=""><td>Pass</td><td></td></loq<>	Pass	
Acetonitrile	23.10	91.19	410.00	ND	Pass	V1
Dichloromethane	10.09	121.57	600.00	ND	Pass	
Ethyl acetate	88.80	997.32	5000.00	ND	Pass	
Chloroform	1.48	12.30	60.00	ND	Pass	
Benzene	0.14	0.37	2.00	ND	Pass	
Isopropyl acetate	88.47	993.61	5000.00	ND	Pass	
Heptane	86.53	984.31	5000.00	ND	Pass	
Toluene	16.90	171.30	890.00	ND	Pass	
Butanes	578.70	951.94	5000.00	ND	Pass	
Hexanes	33.84	57.59	290.00	ND	Pass	
Pentanes	578.70	961.11	5000.00	ND	Pass	
Xylenes	504.03	829.03	2170.00	ND	Pass	

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Microbial Impurities

Analytes Result Limit Status Escherichia coli <10 CELI/g 100 CELI/g Pass	Method: SOPAZ_M-ECOLI				
Fscherichia coli <10 CELI/a 100 CELI/a Pass	Analytes	Result	Limit	Status	Q
25010101110 001	Escherichia coli	<10 CFU/g	100 CFU/g	Pass	

Date Tested: 08/01/2025

Method: SOPAZ M-MICROBIALS

Wethou. SOF AZ_WHITCHODIALS				
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	
Asperaillus terreus	Not Detected	Not Detected in One Gram	Pass	

Date Tested: 08/04/2025



Kevin Nolan

Laboratory Technical Director | 08/05/2025

Firas Haddad Laboratory Manager | 08/05/2025





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Heavy Metals

Method: SOPAZ M-HEAVYMETALS

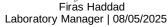
Analytes	LOD	LOQ	Limit	Result	Status Q
	ppm	ppm	ppm	ppm	
Arsenic	0.031	0.093	0.400	ND	Pass
Cadmium	0.033	0.093	0.400	ND	Pass
Mercury	0.025	0.070	0.200	ND	Pass
Lead	0.131	0.395	1.000	ND	Pass

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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.
- 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.
- The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- 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.
- 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.
- 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.
- 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 | 08/05/2025

Firas Haddad Laboratory Manager | 08/05/2025

