

Grape Octane

METRC Batch: 1A406030000678A000030761
METRC Sample: 1A40603000070EA000483219
Sample ID: 2503ENC3617_1341
Strain: Grape Octane
Matrix: Concentrates & Extracts
Type: Live Rosin
Batch#: ST-SLR-GPO-C2425

Produced: 03/24/2025
Collected: 03/27/2025
Received: 03/27/2025
Completed: 03/29/2025
Sample Size: 13 units; Batch: 3,000 units

Distributor
Ironworks Collective, Inc
Lic. # C11-0000620-LIC
718 E. Commercial St.,
Los Angeles, CA, 90012

Producer
Ironworks Collective, Inc
Lic. # CDPH-10003246
718 E. Commercial St.
Los Angeles, CA 90012



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	03/27/2025	LC-DAD	Pass
Pesticides	03/27/2025	LC-MS	Pass
Mycotoxins	03/27/2025	LC-MS	Pass
Residual Solvents	03/27/2025	HS-GC-MS	Pass
Microbial Impurities	03/28/2025	qPCR	Pass
Heavy Metals	03/28/2025	ICP-MS	Pass
Foreign Matter	03/27/2025	Visual Inspection	Pass

Cannabinoids

Method: SOP CA_M-CANNABINOIDS

66.475 %

Total THC

0.126 %

Total CBD

74.309 %

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.268	0.803	73.770	737.70	737.70
Δ9-THC	0.298	0.910	1.779	17.79	17.79
Δ8-THC	0.283	0.849	ND	ND	ND
THCVa	0.268	0.818	0.450	4.50	4.50
THCV	0.275	0.834	ND	ND	ND
CBDa	0.291	0.872	0.143	1.43	1.43
CBD	0.298	0.910	ND	ND	ND
CBN	0.291	0.887	ND	ND	ND
CBGa	0.298	0.910	6.659	66.59	66.59
CBG	0.283	0.864	0.654	6.54	6.54
CBCa	0.260	0.788	0.933	9.33	9.33
CBC	0.291	0.872	ND	ND	ND
Total THC			66.475	664.75	664.75
Total CBD			0.126	1.26	1.26
Total Cannabinoids			74.309	743.09	743.09
Sum of Cannabinoids			84.390	843.90	843.90

1 Unit = 1g;

Total THC = THCa * 0.877 + Δ9-THC + Δ8-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; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP CA_M-FOREIGN; Moisture and Water Activity Method: SOP CA_M-WATER



Mary Beth Smith
Mary Beth Smith
Compliance Manager | 03/29/2025



Grape Octane

METRC Batch: 1A406030000678A000030761
METRC Sample: 1A40603000070EA000483219
Sample ID: 2503ENC3617_1341
Strain: Grape Octane
Matrix: Concentrates & Extracts
Type: Live Rosin
Batch#: ST-SLR-GPO-C2425

Produced: 03/24/2025
Collected: 03/27/2025
Received: 03/27/2025
Completed: 03/29/2025
Sample Size: 13 units; Batch: 3,000 units

Distributor
Ironworks Collective, Inc
Lic. # C11-0000620-LIC
718 E. Commercial St.,
Los Angeles, CA, 90012

Producer
Ironworks Collective, Inc
Lic. # CDPH-10003246
718 E. Commercial St.
Los Angeles, CA 90012

Pesticides

Method: SOP CA_M-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.019	0.056	0.1	ND	Pass	Fludioxonil	0.011	0.034	0.1	ND	Pass
Acephate	0.006	0.02	0.1	ND	Pass	Hexythiazox	0.008	0.025	0.1	ND	Pass
Acequinocyl	0.0089	0.0268	0.1	ND	Pass	Imazalil	0.021	0.064	0.021	ND	Pass
Acetamiprid	0.006	0.018	0.1	ND	Pass	Imidacloprid	0.009	0.026	5	ND	Pass
Aldicarb	0.031	0.095	0.031	ND	Pass	Kresoxim Methyl	0.015	0.044	0.1	ND	Pass
Azoxystrobin	0.006	0.017	0.1	ND	Pass	Malathion	0.008	0.023	0.5	<LOQ	Pass
Bifenazate	0.01	0.03	0.1	ND	Pass	Metalaxyl	0.007	0.021	2	ND	Pass
Bifenthrin	0.049	0.15	3	ND	Pass	Methiocarb	0.015	0.044	0.015	ND	Pass
Boscalid	0.01	0.031	0.1	ND	Pass	Methomyl	0.017	0.051	1	ND	Pass
Captan	0.05	0.1516	0.7	ND	Pass	Parathion Methyl	0.0157	0.0477	0.0157	ND	Pass
Carbaryl	0.022	0.065	0.5	ND	Pass	Mevinphos	0.024	0.072	0.024	ND	Pass
Carbofuran	0.017	0.051	0.017	ND	Pass	Myclobutanil	0.011	0.033	0.1	ND	Pass
Chlorantraniliprole	0.011	0.034	10	ND	Pass	Naled	0.026	0.078	0.1	ND	Pass
Chlordane	0.0099	0.03	0.0099	ND	Pass	Oxamyl	0.014	0.044	0.5	ND	Pass
Chlorfenapyr	0.0316	0.0957	0.0316	ND	Pass	Paclobutrazol	0.033	0.099	0.033	ND	Pass
Chlorpyrifos	0.024	0.073	0.024	ND	Pass	PCNB	0.0133	0.0403	0.1	ND	Pass
Clofentezine	0.011	0.034	0.1	ND	Pass	Permethrin	0.013	0.039	0.5	ND	Pass
Coumaphos	0.028	0.084	0.028	ND	Pass	Phosmet	0.006	0.018	0.1	ND	Pass
Cyfluthrin	0.0243	0.0736	2	ND	Pass	Piperonyl Butoxide	0.008	0.025	3	ND	Pass
Cypermethrin	0.0409	0.124	1	ND	Pass	Prallethrin	0.01	0.03	0.1	ND	Pass
Daminozide	0.023	0.069	0.023	ND	Pass	Propiconazole	0.009	0.028	0.1	ND	Pass
Diazinon	0.008	0.024	0.1	ND	Pass	Propoxur	0.02	0.061	0.02	ND	Pass
Dichlorvos	0.017	0.051	0.017	ND	Pass	Pyrethrins	0.02	0.059	0.5	ND	Pass
Dimethoate	0.02	0.059	0.02	ND	Pass	Pyridaben	0.01	0.03	0.1	ND	Pass
Dimethomorph	0.01	0.03	2	ND	Pass	Spinetoram	0.012	0.037	0.1	ND	Pass
Ethoprophos	0.016	0.048	0.016	ND	Pass	Spinosad	0.01	0.032	0.1	ND	Pass
Etofenprox	0.027	0.082	0.027	ND	Pass	Spiromesifen	0.011	0.033	0.1	ND	Pass
Etoazole	0.006	0.017	0.1	ND	Pass	Spirotetramat	0.018	0.054	0.1	ND	Pass
Fenhexamid	0.013	0.04	0.1	ND	Pass	Spiroxamine	0.01	0.03	0.01	ND	Pass
Fenoxycarb	0.012	0.037	0.012	ND	Pass	Tebuconazole	0.014	0.042	0.1	ND	Pass
Fenpyroximate	0.003	0.01	0.1	ND	Pass	Thiacloprid	0.01	0.031	0.01	ND	Pass
Fipronil	0.021	0.063	0.021	ND	Pass	Thiamethoxam	0.013	0.039	5	ND	Pass
Flonicamid	0.017	0.051	0.1	ND	Pass	Trifloxystrobin	0.004	0.011	0.1	ND	Pass

Date Tested: 03/27/2025

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



Mary Beth Smith
Mary Beth Smith
Compliance Manager | 03/29/2025



Grape Octane

METRC Batch: 1A406030000678A000030761
METRC Sample: 1A40603000070EA000483219
Sample ID: 2503ENC3617_1341
Strain: Grape Octane
Matrix: Concentrates & Extracts
Type: Live Rosin
Batch#: ST-SLR-GPO-C2425

Produced: 03/24/2025
Collected: 03/27/2025
Received: 03/27/2025
Completed: 03/29/2025
Sample Size: 13 units; Batch: 3,000 units

Distributor	Producer
Ironworks Collective, Inc	Ironworks Collective, Inc
Lic. # C11-0000620-LIC	Lic. # CDPH-10003246
718 E. Commercial St.,	718 E. Commercial St.
Los Angeles, CA, 90012	Los Angeles, CA 90012

Mycotoxins

Method: SOP CA_M-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.60	4.84		ND	Tested
Aflatoxin B2	2.17	6.57		ND	Tested
Aflatoxin G1	1.35	4.09		ND	Tested
Aflatoxin G2	1.33	4.04		ND	Tested
Ochratoxin A	2.70	8.10	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

Date Tested: 03/27/2025

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

Residual Solvents


Method: SOP CA_M-RES_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	3.37	10.20	5000	15.49	Pass
Acetonitrile	1.80	5.45	410	ND	Pass
Benzene	0.11	0.33	1	ND	Pass
Butane	2.31	7.01	5000	<LOQ	Pass
Chloroform	0.21	0.65	1	ND	Pass
Ethanol	2.82	8.54	5000	23.94	Pass
Ethyl acetate	2.10	6.36	5000	ND	Pass
Ethyl ether	1.93	5.86	5000	ND	Pass
Ethylene Oxide	0.31	0.94	1	ND	Pass
Heptane	2.18	6.61	5000	ND	Pass
Hexane	2.22	6.74	290	ND	Pass
Isopropyl alcohol	2.19	6.64	5000	<LOQ	Pass
Methanol	2.28	6.90	3000	ND	Pass
Methylene chloride	0.10	0.31	1	ND	Pass
1,2-Dichloroethane	0.10	0.30	1	ND	Pass
Pentane	2.39	7.25	5000	ND	Pass
Propane	2.33	7.05	5000	ND	Pass
Toluene	0.59	1.79	890	ND	Pass
Total xylenes (ortho-, meta-, para-)	13.51	40.94	2170	ND	Pass
Trichloroethylene	0.18	0.54	1	ND	Pass

Date Tested: 03/27/2025

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.




Mary Beth Smith
Compliance Manager | 03/29/2025



Grape Octane

METRC Batch: 1A406030000678A000030761
METRC Sample: 1A40603000070EA000483219
Sample ID: 2503ENC3617_1341
Strain: Grape Octane
Matrix: Concentrates & Extracts
Type: Live Rosin
Batch#: ST-SLR-GPO-C2425

Produced: 03/24/2025
Collected: 03/27/2025
Received: 03/27/2025
Completed: 03/29/2025
Sample Size: 13 units; Batch: 3,000 units

Distributor	Producer
Ironworks Collective, Inc	Ironworks Collective, Inc
Lic. # C11-0000620-LIC	Lic. # CDPH-10003246
718 E. Commercial St.,	718 E. Commercial St.
Los Angeles, CA, 90012	Los Angeles, CA 90012

Microbial Impurities

Method: SOP CA_M-MICROBIALS

Analytes	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

Date Tested: 03/28/2025

Heavy Metals

Method: SOP CA_M-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.033	0.099	0.200	ND	Pass
Cadmium	0.028	0.085	0.200	ND	Pass
Lead	0.049	0.147	0.500	ND	Pass
Mercury	0.015	0.045	0.100	ND	Pass

Date Tested: 03/28/2025

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



Mary Beth Smith
Mary Beth Smith
Compliance Manager | 03/29/2025

