

Orange Sunset

METRC Batch: 1A406030000678A000013561, 1A406030000678A000013568
 METRC Sample: 1A40603000070EA000451660
Sample ID: 2202ENC1308_4869
 Strain: Orange Sunset

Matrix: Concentrates & Extracts
 Type: Distillate
 Batch#: ST-ORG-ORS-021022V2

Produced: 02/11/2022
 Collected: 02/15/2022
 Received: 02/15/2022
 Completed: 02/16/2022
 Sample Size: 50 units; Batch: 35,801 units

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

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



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	02/15/2022	LC-DAD	Pass
Pesticides	02/15/2022	LC-MS	Pass
Mycotoxins	02/15/2022	LC-MS	Pass
Residual Solvents	02/15/2022	HS-GC-MS	Pass
Microbial Impurities	02/16/2022	qPCR	Pass
Heavy Metals	02/16/2022	ICP-MS	Pass
Foreign Matter	02/15/2022	Visual Inspection	Pass

Cannabinoids

Method: SOP EL-CANNABINOIDS

87.836 %

Total THC

0.172 %

Total CBD

92.468 %

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.247	0.749	ND	ND	ND
Δ9-THC	0.265	0.802	87.836	878.36	878.36
Δ8-THC	0.293	0.886	ND	ND	ND
THCVa	0.285	0.864	ND	ND	ND
THCV	0.295	0.894	0.478	4.78	4.78
CBDa	0.259	0.786	ND	ND	ND
CBD	0.250	0.757	0.172	1.72	1.72
CBN	0.235	0.713	0.478	4.78	4.78
CBGa	0.282	0.853	ND	ND	ND
CBG	0.260	0.787	2.125	21.25	21.25
CBCa	0.229	0.695	ND	ND	ND
CBC	0.270	0.817	1.379	13.79	13.79
Total THC			87.836	878.36	878.363
Total CBD			0.172	1.72	1.715
Total Cannabinoids			92.468	924.68	924.680

1 Unit = 1g;

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid form * 0.877) + cannabinoid; 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 EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



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 Compliance Manager | 02/16/2022



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Pesticides

Method: EL-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	0.005	0.02	0.10	ND	Pass	Fludioxonil	0.01	0.05	0.10	ND	Pass
Acephate	0.002	0.01	0.10	ND	Pass	Hexythiazox	0.005	0.02	0.10	ND	Pass
Acequinocyl	0.01	0.02	0.10	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	0.10	ND	Pass	Imidacloprid	0.005	0.02	5.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	0.10	ND	Pass
Azoxystrobin	0.005	0.02	0.10	ND	Pass	Malathion	0.02	0.05	0.50	ND	Pass
Bifenazate	0.005	0.01	0.10	ND	Pass	Metalaxyl	0.002	0.005	2.00	ND	Pass
Bifenthrin	0.02	0.05	3.00	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	0.10	<LOQ	Pass	Methomyl	0.01	0.02	1.00	ND	Pass
Captan	0.2	0.3	0.70	ND	Pass	Parathion Methyl	0.02	0.05	0.05	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	0.10	ND	Pass
Chlorantraniliprole	0.002	0.01	10.00	ND	Pass	Naled	0.01	0.02	0.10	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.50	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.10	ND	Pass
Clofentezine	0.01	0.02	0.10	ND	Pass	Permethrin	0.02	0.05	0.50	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.10	ND	Pass
Cyfluthrin	0.05	0.1	2.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	3.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.10	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.10	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	0.50	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	0.10	ND	Pass
Dimethomorph	0.005	0.02	2.00	ND	Pass	Spinetoram	0.005	0.01	0.10	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	0.10	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	0.10	ND	Pass
Etoazole	0.005	0.02	0.10	ND	Pass	Spirotetramat	0.005	0.01	0.10	ND	Pass
Fenhexamid	0.005	0.02	0.10	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	0.10	ND	Pass
Fenpyroximate	0.005	0.02	0.10	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	5.00	ND	Pass
Flonicamid	0.01	0.02	0.10	ND	Pass	Trifloxystrobin	0.005	0.01	0.10	ND	Pass

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Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	2.00	4.00		ND	Tested
Aflatoxin B2	2.00	4.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	2.00	4.00		ND	Tested
Ochratoxin A	1.00	2.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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Residual Solvents

Method: EL-RES_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	5.50	16.68	5000	ND	Pass
Acetonitrile	4.56	13.82	410	ND	Pass
Benzene	0.09	0.28	1	ND	Pass
Butane	3.33	10.00	5000	ND	Pass
Chloroform	0.10	0.29	1	ND	Pass
Ethanol	3.33	10.00	5000	<LOQ	Pass
Ethyl-Acetate	3.33	10.00	5000	ND	Pass
Ethyl-Ether	3.33	10.00	5000	ND	Pass
Ethylene Oxide	0.08	0.24	1	ND	Pass
Heptane	3.33	10.00	5000	ND	Pass
n-Hexane	3.33	10.00	290	ND	Pass
Isopropanol	3.33	10.00	5000	ND	Pass
Methanol	8.85	26.80	3000	ND	Pass
Methylene-Chloride	0.10	0.31	1	ND	Pass
1,2-Dichloro-Ethane	0.10	0.29	1	ND	Pass
Pentane	3.33	10.00	5000	ND	Pass
Propane	3.33	10.00	5000	ND	Pass
Toluene	3.33	10.00	890	ND	Pass
Xylenes	6.66	20.00	2170	ND	Pass
Trichloroethene	0.10	0.29	1	ND	Pass

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Microbial Impurities

Method: SOP EL-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

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Heavy Metals

Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	0.200	ND	Pass
Cadmium	0.015	0.044	0.200	ND	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	0.100	ND	Pass

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