

## Gelato

METRC Batch: 1A406030000678A000029303, 1A406030000678A000029318

METRC Sample: 1A40603000070EA000477070

Sample ID: 2412ENC2874\_8556

Strain: Gelato

Matrix: Concentrates & Extracts

Type: Distillate

Batch#: ST-ORG-GEL-P0424

Produced: 12/05/2024

Collected: 12/11/2024

Received: 12/11/2024

Completed: 12/12/2024

Sample Size: 32 units; Batch: 11,636 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	12/11/2024	LC-DAD	Pass
Pesticides	12/11/2024	LC-MS	Pass
Mycotoxins	12/11/2024	LC-MS	Pass
Residual Solvents	12/11/2024	HS-GC-MS	Pass
Microbial Impurities	12/12/2024	qPCR	Pass
Heavy Metals	12/12/2024	ICP-MS	Pass
Foreign Matter	12/11/2024	Visual Inspection	Pass

## Cannabinoids

Method: SOP\_CA\_M-CANNABINOIDS

**90.746 %**

Total THC

**0.214 %**

Total CBD

**94.566 %**

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.266	0.797	ND	ND	ND
Δ9-THC	0.296	0.903	90.746	907.46	907.46
Δ8-THC	0.281	0.843	ND	ND	ND
THCVa	0.266	0.812	ND	ND	ND
THCV	0.273	0.827	0.501	5.01	5.01
CBDa	0.288	0.865	ND	ND	ND
CBD	0.296	0.903	0.214	2.14	2.14
CBN	0.288	0.880	0.331	3.31	3.31
CBGa	0.296	0.903	ND	ND	ND
CBG	0.281	0.858	1.996	19.96	19.96
CBCa	0.258	0.782	ND	ND	ND
CBC	0.288	0.865	0.779	7.79	7.79
<b>Total THC</b>			<b>90.746</b>	<b>907.46</b>	<b>907.46</b>
<b>Total CBD</b>			<b>0.214</b>	<b>2.14</b>	<b>2.14</b>
<b>Total Cannabinoids</b>			<b>94.566</b>	<b>945.66</b>	<b>945.66</b>
<b>Sum of Cannabinoids</b>			<b>94.566</b>	<b>945.66</b>	<b>945.66</b>

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



*Evelyn Alvarez*

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QA Director | 12/12/2024



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## Pesticides

Method: SOP CA\_M-PESTMVYCOLCMS

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	0.10	ND	Pass	Fludioxonil	0.011	0.034	0.10	ND	Pass
Acephate	0.006	0.02	0.10	ND	Pass	Hexythiazox	0.008	0.025	0.10	ND	Pass
Acequinocyl	0.0089	0.0268	0.10	ND	Pass	Imazalil	0.021	0.064	0.02	ND	Pass
Acetamiprid	0.006	0.018	0.10	ND	Pass	Imidacloprid	0.009	0.026	5.00	ND	Pass
Aldicarb	0.031	0.095	0.03	ND	Pass	Kresoxim Methyl	0.015	0.044	0.10	ND	Pass
Azoxystrobin	0.006	0.017	0.10	ND	Pass	Malathion	0.008	0.023	0.50	ND	Pass
Bifenazate	0.01	0.03	0.10	ND	Pass	Metalaxyl	0.007	0.021	2.00	ND	Pass
Bifenthrin	0.049	0.15	3.00	ND	Pass	Methiocarb	0.015	0.044	0.01	ND	Pass
Boscalid	0.01	0.031	0.10	ND	Pass	Methomyl	0.017	0.051	1.00	ND	Pass
Captan	0.05	0.1516	0.70	ND	Pass	Parathion Methyl	0.0157	0.0477	0.02	ND	Pass
Carbaryl	0.022	0.065	0.50	ND	Pass	Mevinphos	0.024	0.072	0.02	ND	Pass
Carbofuran	0.017	0.051	0.02	ND	Pass	Myclobutanil	0.011	0.033	0.10	ND	Pass
Chlorantraniliprole	0.011	0.034	10.00	ND	Pass	Naled	0.026	0.078	0.10	ND	Pass
Chlordane	0.0099	0.03	0.01	ND	Pass	Oxamyl	0.014	0.044	0.50	ND	Pass
Chlorfenapyr	0.0316	0.0957	0.03	ND	Pass	Paclobutrazol	0.033	0.099	0.03	ND	Pass
Chlorpyrifos	0.024	0.073	0.02	ND	Pass	PCNB	0.0133	0.0403	0.10	ND	Pass
Clofentezine	0.011	0.034	0.10	ND	Pass	Permethrin	0.013	0.039	0.50	ND	Pass
Coumaphos	0.028	0.084	0.03	ND	Pass	Phosmet	0.006	0.018	0.10	ND	Pass
Cyfluthrin	0.0243	0.0736	2.00	ND	Pass	Piperonyl Butoxide	0.008	0.025	3.00	ND	Pass
Cypermethrin	0.0409	0.124	1.00	ND	Pass	Prallethrin	0.01	0.03	0.10	ND	Pass
Daminozide	0.023	0.069	0.02	ND	Pass	Propiconazole	0.009	0.028	0.10	ND	Pass
Diazinon	0.008	0.024	0.10	ND	Pass	Propoxur	0.02	0.061	0.02	ND	Pass
Dichlorvos	0.017	0.051	0.02	ND	Pass	Pyrethrins	0.02	0.059	0.50	ND	Pass
Dimethoate	0.02	0.059	0.02	ND	Pass	Pyridaben	0.01	0.03	0.10	ND	Pass
Dimethomorph	0.01	0.03	2.00	ND	Pass	Spinetoram	0.012	0.037	0.10	ND	Pass
Ethoprophos	0.016	0.048	0.02	ND	Pass	Spinosad	0.01	0.032	0.10	ND	Pass
Etofenprox	0.027	0.082	0.03	ND	Pass	Spiromesifen	0.011	0.033	0.10	ND	Pass
Etoazole	0.006	0.017	0.10	ND	Pass	Spirotetramat	0.018	0.054	0.10	ND	Pass
Fenhexamid	0.013	0.04	0.10	ND	Pass	Spiroxamine	0.01	0.03	0.01	ND	Pass
Fenoxycarb	0.012	0.037	0.01	ND	Pass	Tebuconazole	0.014	0.042	0.10	ND	Pass
Fenpyroximate	0.003	0.01	0.10	ND	Pass	Thiacloprid	0.01	0.031	0.01	ND	Pass
Fipronil	0.021	0.063	0.02	ND	Pass	Thiamethoxam	0.013	0.039	5.00	ND	Pass
Flonicamid	0.017	0.051	0.10	ND	Pass	Trifloxystrobin	0.004	0.011	0.10	ND	Pass

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**Mycotoxins**

Method: SOP CA\_M-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	2.80	8.40		ND	Tested
Aflatoxin B2	1.90	5.60		ND	Tested
Aflatoxin G1	1.40	4.20		ND	Tested
Aflatoxin G2	2.00	6.20		ND	Tested
Ochratoxin A	2.70	8.10	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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**Residual Solvents**

Method: CA\_M-RES\_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	3.37	10.20	5000	ND	Pass
Acetonitrile	1.80	5.45	410	ND	Pass
Benzene	0.11	0.33	1	ND	Pass
Butane	2.31	7.01	5000	ND	Pass
Chloroform	0.21	0.65	1	ND	Pass
Ethanol	2.82	8.54	5000	<LOQ	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	ND	Pass
Methanol	2.28	6.90	3000	<LOQ	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

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## 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

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## Heavy Metals

Method: SOP CA\_M-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	0.011	0.033	0.200	ND	Pass
Lead	0.011	0.033	0.500	<LOQ	Pass
Mercury	0.003	0.009	0.100	ND	Pass

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