

MFNY PROCESSOR LLC

320 Mt Airy Rd New Windsor, NY

matt@mfny.co

833-420-6369

License #: aucp-22-000026

Certificate of Analysis

Final

Date Released: 4/12/2023 1:40:59PM

Report #: 1163

Disposable Vape - Gelato 41

Sample #: 823, Weight: 5.00g, Unit Count:

Order #: X230405-0003

Category/Type: Concentrates & Extract, Vape Cartridge

Date Collected: 4/5/2023 6:31:14PM

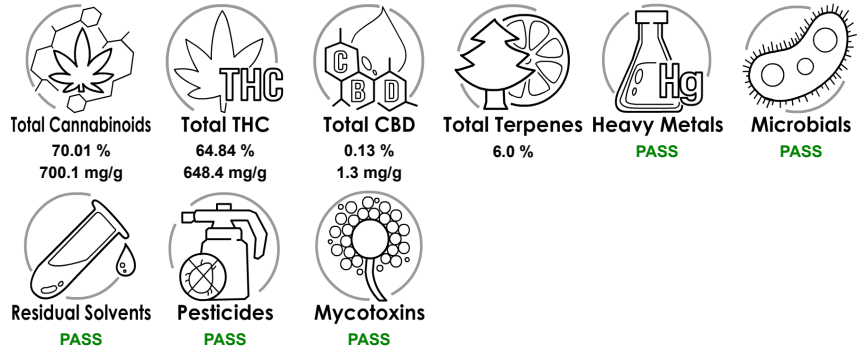
Date Received: 4/5/2023 6:36:58PM

Date Analyzed: 4/12/2023 1:38:12PM

Regulator Sample ID: LRDV-G41-001

Regulator Source Package ID: LRDV-G41-001

Regulator Batch ID: LRDV-G41-001

**Potency Analysis by HPLC**Total Cannabinoids: **70.01 % - 700.1 mg/g**Total THC: **64.84 % - 648.4 mg/g**Total CBD: **0.13 % - 1.3 mg/g**

Date Completed: 04/10/2023 9:19AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
d9-THC	1972-08-3	0.001	64.84	648.4	<div></div>
CBG	25654-31-3	0.001	2.71	27.1	<div></div>
CBC	20675-51-8	0.001	1.37	13.7	<div></div>
CBGa	25555-57-1	0.001	0.52	5.2	<div></div>
THCV	31262-37-0	0.001	0.31	3.1	<div></div>
CBD	13956-29-1	0.001	0.13	1.3	<div></div>
CBN	521-35-7	0.001	0.13	1.3	<div></div>
THCa	23978-85-0	0.001	ND	ND	<div></div>
d8-THC	5957-75-5	0.001	ND	ND	<div></div>
d10-THC	95543-62-7	0.001	ND	ND	<div></div>
CBDa	1244-58-2	0.001	ND	ND	<div></div>
CBDV	24274-48-4	0.001	ND	ND	<div></div>

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

Total CBD = CBD + (0.877*CBDA)**Total THC = d9-THC + d8-THC + d10-THC + (0.877*THCa)** d8-THC is an abbreviation for delta-8 tetrahydrocannabinol.

d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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License #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director

4/12/2023 1:43:48PM

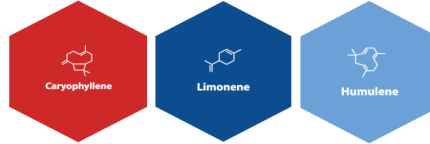


Sample #: 823

Disposable Vape - Gelato 41

Terpenes by HS-GC-MS

Date Completed: 04/12/2023 12:58PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
trans-Caryophyllene	87-44-5	0.1	1.7	<div></div>
alpha-Farnesene	502-61-4	0.1	1.3	<div></div>
R(+)-Limonene	5989-27-5	0.1	0.7	<div></div>
alpha-Humulene	6753-98-6	0.1	0.5	<div></div>
beta-Farnesene	18794-84-8	0.1	0.3	<div></div>
Linalool	78-70-6	0.1	0.3	<div></div>
alpha-Bisabolol	515-69-5	0.1	0.2	<div></div>
alpha-Pinene	80-56-8	0.1	0.2	<div></div>
Endo-Fenchyl Alcohol	14575-74-7	0.1	0.2	<div></div>
alpha-Cedrene	469-61-4	0.1	0.1	<div></div>
alpha-Terpineol	98-55-5	0.1	0.1	<div></div>
beta-Myrcene	123-35-3	0.1	0.1	<div></div>
beta-Pinene	127-91-3	0.1	0.1	<div></div>
cis-Ocimene	3338-55-4	0.1	0.1	<div></div>
Valencene	4630-07-3	0.1	0.1	<div></div>

Results based on dry weight

(-)-Borneol	464-45-9	0.1	ND
(-)-Caryophyllene Oxide	1139-30-6	0.1	ND
(-)-Isopulegol	89-79-2	0.1	ND
(+)-Borneol	464-43-7	0.1	ND
(+)-Cedrol	77-53-2	0.1	ND
(1R)-(+)-Camphor	464-49-3	0.1	ND

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Sample #: 823**Disposable Vape - Gelato 41**

Compound	CAS#	LOQ (%)	%	Relative Concentration
3-Carene	13466-78-9	0.1	ND	
alpha-Terpinene	99-86-5	0.1	ND	
Camphene	79-92-5	0.1	ND	
cis-Nerolidol	142-50-7	0.1	ND	
Eucalyptol	470-82-6	0.1	ND	
Fenchone	1195-79-5	0.1	ND	
gamma-Terpinene	99-85-4	0.1	ND	
gamma-Terpineol	586-81-2	0.1	ND	
Geraniol	106-24-1	0.1	ND	
Geranyl Acetate	105-87-3	0.1	ND	
Guaiol	489-86-1	0.1	ND	
Hexahydro Thymol	15356-70-4	0.1	ND	
Nerol	106-25-2	0.1	ND	
p-Mentha-1,5-diene	99-83-2	0.1	ND	
Pulegone	89-82-7	0.1	ND	
Sabinene	3387-41-5	0.1	ND	
Sabinene Hydrate	546-79-2	0.1	ND	
Terpinolene	586-62-9	0.1	ND	
trans-Nerolidol	40716-66-3	0.1	ND	
trans-Ocimene	3779-61-1	0.1	ND	

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.**Pesticides by LCMSMS****Pass****Date Completed:** 04/12/2023 1:38 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.01	0.5	ND	Pass
Acephate	0.01	0.4	ND	Pass
Acequinocyl	0.01	2	ND	Pass

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4/12/2023 1:43:48PM



Sample #: 823

Disposable Vape - Gelato 41

Pesticides by LCMSMS

Pass

Date Completed: 04/12/2023 1:38 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Acetamiprid	0.01	0.2	ND	Pass
Aldicarb	0.01	0.4	ND	Pass
Azadirachtin	0.01	1	ND	Pass
Azoxystrobin	0.01	0.2	ND	Pass
Bifenazate	0.01	0.2	ND	Pass
Bifenthrin	0.01	0.2	ND	Pass
Boscalid	0.01	0.4	ND	Pass
Carbaryl	0.01	0.2	ND	Pass
Carbofuran	0.01	0.2	ND	Pass
Chlorantraniliprole	0.01	0.2	ND	Pass
Chlormequat Chloride	0.01	1	ND	Pass
Chlorpyrifos	0.01	0.2	ND	Pass
Clofentezine	0.01	0.2	ND	Pass
Coumaphos	0.01	1	ND	Pass
Cyfluthrin	0.01	1	ND	Pass
Cypermethrin	0.01	1	ND	Pass
Daminozide	0.01	1	ND	Pass
Diazinon	0.01	0.2	ND	Pass
Dichlorvos	0.01	1	ND	Pass
Dimethoate	0.01	0.2	ND	Pass
Dimethomorph	0.01	1	ND	Pass
Ethoprophos	0.01	0.2	ND	Pass
Etofenprox	0.01	0.4	ND	Pass
Etoxazole	0.01	0.2	ND	Pass
Fenhexamid	0.01	1	ND	Pass
Fenoxycarb	0.01	0.2	ND	Pass

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Dr. Kelly Greenland, Lab Director
4/12/2023 1:43:48PM



Sample #: 823

Disposable Vape - Gelato 41

Pesticides by LCMSMS

Pass

Date Completed: 04/12/2023 1:38 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Fenpyroximate	0.01	0.4	ND	Pass
Fipronil	0.01	0.4	ND	Pass
Flonicamid	0.01	1	ND	Pass
Fludioxonil	0.01	0.4	ND	Pass
Hexythiazox	0.01	1	ND	Pass
Imazalil	0.01	0.2	ND	Pass
Imidacloprid	0.01	0.4	ND	Pass
Indolebutyric Acid	0.01	1	ND	Pass
Kresoxim-methyl	0.01	0.4	ND	Pass
Malathion	0.01	0.2	ND	Pass
Metaxyl	0.01	0.2	ND	Pass
Methiocarb	0.01	0.2	ND	Pass
Mevinphos	0.01	1	ND	Pass
Myclobutanil	0.01	0.2	ND	Pass
Naled	0.01	0.5	ND	Pass
Oxamyl	0.01	1	ND	Pass
Paclobutrazol	0.01	0.4	ND	Pass
Phosmet	0.01	0.2	ND	Pass
Piperonyl Butoxide	0.01	2	ND	Pass
Prallethrin	0.01	0.2	0.07	Pass
Propiconazole	0.01	0.4	ND	Pass
Propoxur	0.01	0.2	ND	Pass
Pyridaben	0.01	0.2	ND	Pass
Spiromesifen	0.01	0.2	ND	Pass
Spirotetramat	0.01	0.2	ND	Pass
Spiroxamine	0.01	0.2	ND	Pass

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Kelly N. Greenland

Dr. Kelly Greenland, Lab Director
4/12/2023 1:43:48PM



Sample #: 823

Disposable Vape - Gelato 41

Pesticides by LCMSMS

Pass

Date Completed: 04/12/2023 1:38 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Tebuconazole	0.01	0.4	ND	Pass
Thiacloprid	0.01	0.2	ND	Pass
Thiamethoxam	0.01	0.2	ND	Pass
Trifloxystrobin	0.01	0.2	ND	Pass

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

Residual Solvents by HS-GC-MS

Pass

Date Completed: 04/12/2023 1:38 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Acetone	50	5000	ND	Pass
Acetonitrile	50	410	ND	Pass
Benzene	0.5	2	ND	Pass
Butanes ppm	25	5000	ND	Pass
Ethanol	50	5000	ND	Pass
Ethyl acetate	50	5000	ND	Pass
Ethyl ether	50	5000	ND	Pass
Heptane	50	5000	ND	Pass
Hexanes Total	10	290	ND	Pass
Isopropanol	50	5000	347	Pass
Methanol	50	3000	ND	Pass
Methylene chloride	50	600	ND	Pass
Pentanes Total	16.7	5000	ND	Pass
Propane	50	5000	ND	Pass
Toluene	50	890	ND	Pass
Total xylenes	25	2170	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed.

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4/12/2023 1:43:48PM



Sample #: 823

Disposable Vape - Gelato 41

Mycotoxins by LCMSMS

Pass

Date Completed: 04/10/2023 1:37 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.005	0.020	ND	Pass
Aflatoxin B2	0.005	0.020	ND	Pass
Aflatoxin G1	0.005	0.020	ND	Pass
Aflatoxin G2	0.005	0.020	ND	Pass
Ochratoxin A	0.005	0.020	ND	Pass
Total Aflatoxin	0.005	0.020	ND	Pass

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

Heavy Metals by ICPMS

Pass

Date Completed: 04/11/2023 10:52 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.01	2	ND	Pass
Arsenic	0.001	0.2	ND	Pass
Cadmium	0.0015	0.3	ND	Pass
Chromium	0.275	110	ND	Pass
Copper	0.075	30	ND	Pass
Lead	0.0025	0.5	ND	Pass
Mercury	0.0005	0.1	ND	Pass
Nickel	0.01	2	ND	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

Micro by Petri & qPCR

Pass

Date Completed: 04/10/2023 9:48 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	0	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	0	0	Not Detected	Pass
Aspergillus niger Qualitative	0	0	Not Detected	Pass
Aspergillus terreus Qualitative	0	0	Not Detected	Pass

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Sample #: 823**Disposable Vape - Gelato 41****Micro by Petri & qPCR****Pass**

Date Completed: 04/10/2023 9:48 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Salmonella Qualitative	0	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass
Total Aerobic Bacteria	10	10000	ND	Pass
Total Yeast & Mold	10	1000	ND	Pass

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed. Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence".

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