

**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: 6/8/2023 11:06:54AM

Report #: 1833

**Gummy - Blueberry**

Sample #: 1431, Weight: 650.00g, Unit Count:

Order #: X230602-0001

Category/Type: Ingestible, Gummy

Date Collected: 6/2/2023 3:19:06PM

Date Received: 6/2/2023 3:27:55PM

Regulator Sample ID: BCLRG-001

Regulator Source Package ID: BCLRG-001

Regulator Batch ID: BCLRG-001

Size: Not Provided, Unit Count:



Total Cannabinoids

11 mg/svg  
4.53 mg/g

Total THC

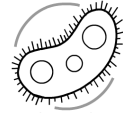
10 mg/svg  
4.13 mg/g

Total CBD

0.11 mg/svg  
0.0441 mg/g

Heavy Metals

PASS



Microbials

PASS



Residual Solvents

PASS



Pesticides

PASS



Mycotoxins

PASS



Water Activity

PASS

**Potency Analysis by HPLC**

Total Cannabinoids: 11 mg/svg - 4.53 mg/g

Total THC: 10 mg/svg - 4.13 mg/g

Total CBD: 0.11 mg/svg - 0.0441 mg/g

Date Completed: 06/06/2023 9:54AM

Compound	CAS#	LOQ (mg/svg)	mg/svg	mg/g	Relative Concentration
d9-THC	1972-08-3	0.01	10	4.13	<div></div>
CBG	25654-31-3	0.01	0.36	0.143	<div></div>
CBC	20675-51-8	0.01	0.21	0.0841	<div></div>
CBN	521-35-7	0.01	0.18	0.0739	<div></div>
CBDa	1244-58-2	0.01	0.073	0.0290	<div></div>
d8-THC	5957-75-5	0.01	0.062	0.0247	<div></div>
CBD	13956-29-1	0.01	0.047	0.0187	<div></div>
CBGa	25555-57-1	0.01	0.042	0.0167	<div></div>
THCV	31262-37-0	0.01	0.036	0.0143	<div></div>
THCa	23978-85-0	0.01	ND	ND	<div></div>
d10-THC	95543-62-7	0.01	ND	ND	<div></div>
CBDV	24274-48-4	0.01	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.

d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



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Vestal, NY 13850

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InfoNY@KeystoneStateTesting.com

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Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director



Sample #: 1431

Gummy - Blueberry

## Water Activity by Meter

Pass

Analysis Date: 06/02/2023 4:36 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.85	0.67	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

## Pesticides by LCMSMS

Pass

Analysis Date: 06/06/2023 11:49 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	ND	Pass
Acetamiprid	0.0100	0.2	ND	Pass
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass

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Gummy - Blueberry

## Pesticides by LCMSMS

Pass

Analysis Date: 06/06/2023 11:49 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoxazole	0.0100	0.2	ND	Pass
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Flonicamid	0.0100	1	ND	Pass
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass
Malathion	0.0100	0.2	ND	Pass
Metaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl	0.0100	0.4	ND	Pass
Mevinphos	0.0100	1	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass

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## Pesticides by LCMSMS

Pass

Analysis Date: 06/06/2023 11:49 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Piperonyl Butoxide	0.0100	2	ND	Pass
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	ND	Pass
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	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

Analysis Date: 06/05/2023 10:19 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.500	2	ND	Pass
Butanes ppm	25.00	5000	ND	Pass
Chloroform	0.500	60	ND	Pass
Ethanol	50.00	5000	1366	Pass
Ethyl acetate	50.00	5000	ND	Pass

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Gummy - Blueberry

## Residual Solvents by HS-GC-MS

Pass

Analysis Date: 06/05/2023 10:19 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Ethyl ether	50.00	5000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	ND	Pass
Isopropanol	50.00	5000	ND	Pass
Methanol	50.00	3000	ND	Pass
Methylene chloride	50.00	600	ND	Pass
Pentanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass

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

## Mycotoxins by LCMSMS

Pass

Analysis Date: 06/06/2023 11:49 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass

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

## Heavy Metals by ICPMS

Pass

Analysis Date: 06/02/2023 4:53 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony		120	0.00	Pass
Arsenic		1.5	0.0034	Pass

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**Sample #: 1431****Gummy - Blueberry****Heavy Metals by ICPMS****Pass****Analysis Date:** 06/02/2023 4:53 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Cadmium		0.5	0.00	Pass
Chromium		1100	0.00	Pass
Copper		300	0.083	Pass
Lead		0.5	0.020	Pass
Mercury		3	0.011	Pass
Nickel		20	0.21	Pass

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

**Micro by Petri & qPCR****Pass****Analysis Date:** 06/07/2023 10:06 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
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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