

MFNY PROCESSOR LLC

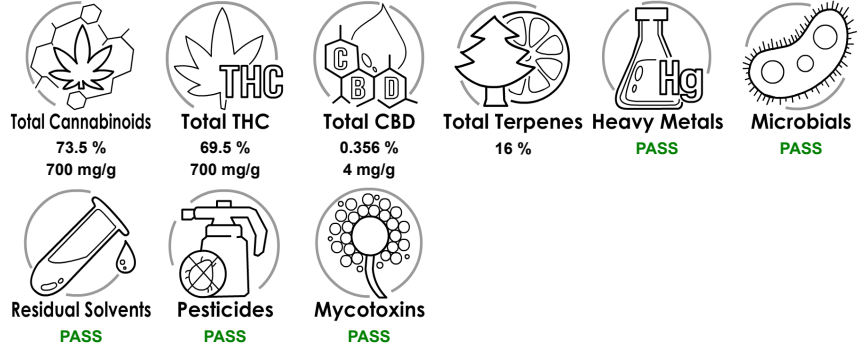
320 Mt Airy Rd New Windsor, NY
matt@mfny.co
833-420-6369
License #: aucp-22-000026

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Certificate of Analysis

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Date Released: 5/24/2023 3:03:00PM

Report #: 1746

LRDV-BBM1**Sample #:** 1262, **Weight:** 20.00g, **Unit Count:****Order #:** X230512-0001**Category/Type:** Concentrates & Extract, Vape Cartridge**Date Collected:** 5/12/2023 1:09:22PM**Date Received:** 5/12/2023 1:14:09PM**Regulator Sample ID:** LRDV-BBM1**Regulator Source Package ID:** LRDV-BBM1**Regulator Batch ID:** LRDV-BBM1**Size:** Not Provided, **Unit Count:****Potency Analysis by HPLC**Total Cannabinoids: **73.5 % - 700 mg/g**Total THC: **69.5 % - 700 mg/g**Total CBD: **0.356 % - 4 mg/g**

Date Completed: 05/15/2023 9:26AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
d9-THC	1972-08-3	0.001	69.3	700	
CBG	25654-31-3	0.001	1.67	20	
CBC	20675-51-8	0.001	0.945	9	
CBGa	25555-57-1	0.001	0.737	7	
THCa	23978-85-0	0.001	0.242	2	
CBDa	1244-58-2	0.001	0.203	2	
CBD	13956-29-1	0.001	0.178	2	
THCV	31262-37-0	0.001	0.170	2	
CBN	521-35-7	0.001	0.0825	0.8	
d8-THC	5957-75-5	0.001	ND	ND	
d10-THC	95543-62-7	0.001	ND	ND	
CBDV	24274-48-4	0.001	ND	ND	

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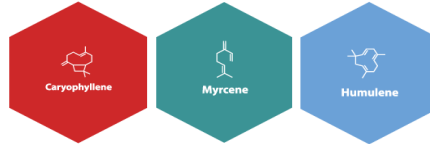
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Sample #: 1262**LRDV-BBM1**

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.

Terpenes by HS-GC-MS**Date Completed: 05/18/2023 2:42PM**

Compound	CAS#	LOQ (%)	%	Relative Concentration
trans-Caryophyllene	87-44-5	0.10	3.8	<div></div>
beta-Farnesene	18794-84-8	0.10	3.6	<div></div>
alpha-Farnesene	502-61-4	0.10	2.3	<div></div>
beta-Myrcene	123-35-3	0.10	1.8	<div></div>
alpha-Humulene	6753-98-6	0.10	1.1	<div></div>
R(+)-Limonene	5989-27-5	0.10	1.0	<div></div>
alpha-Bisabolol	515-69-5	0.10	0.98	<div></div>
Linalool	78-70-6	0.10	0.41	<div></div>
alpha-Pinene	80-56-8	0.10	0.25	<div></div>
Guaiol	489-86-1	0.10	0.23	<div></div>
alpha-Terpineol	98-55-5	0.10	0.11	<div></div>
Results based on dry weight				
(-)-Borneol	464-45-9	0.10	ND	
(-)-Caryophyllene Oxide	1139-30-6	0.10	ND	
(-)-Isopulegol	89-79-2	0.10	ND	
(+)-Borneol	464-43-7	0.10	ND	
(+)-Cedrol	77-53-2	0.10	ND	

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Compound	CAS#	LOQ (%)	%	Relative Concentration
(1R)-(+)-Camphor	464-49-3	0.10	ND	
3-Carene	13466-78-9	0.10	ND	
alpha-Cedrene	469-61-4	0.10	ND	
alpha-Terpinene	99-86-5	0.10	ND	
beta-Pinene	127-91-3	0.10	ND	
Camphene	79-92-5	0.10	ND	
cis-Nerolidol	142-50-7	0.10	ND	
cis-Ocimene	3338-55-4	0.10	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.10	ND	
Eucalyptol	470-82-6	0.10	ND	
Fenchone	1195-79-5	0.10	ND	
gamma-Terpinene	99-85-4	0.10	ND	
gamma-Terpineol	586-81-2	0.10	ND	
Geraniol	106-24-1	0.10	ND	
Geranyl Acetate	105-87-3	0.10	ND	
Hexahydro Thymol	15356-70-4	0.10	ND	
Nerol	106-25-2	0.10	ND	
p-Mentha-1,5-diene	99-83-2	0.10	ND	
Pulegone	89-82-7	0.10	ND	
Sabinene	3387-41-5	0.10	ND	
Sabinene Hydrate	546-79-2	0.10	ND	
Terpinolene	586-62-9	0.10	ND	
trans-Nerolidol	40716-66-3	0.10	ND	
trans-Ocimene	3779-61-1	0.10	ND	
Valencene	4630-07-3	0.10	ND	

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

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Sample #: 1262**LRDV-BBM1****Pesticides by LCMSMS****Pass****Analysis Date: 05/15/2023 2:38 pm**

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
Chlormequat Chloride	0.0100	1	ND	Pass
Chlorpyrifos	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
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass

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Sample #: 1262**LRDV-BBM1****Pesticides by LCMSMS****Pass****Analysis Date: 05/15/2023 2:38 pm**

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Etofenprox	0.0100	0.4	ND	Pass
Etoazole	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
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl		0.4	0	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
Piperonyl Butoxide	0.0100	2	ND	Pass

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Sample #: 1262**LRDV-BBM1****Pesticides by LCMSMS****Pass**

Analysis Date: 05/15/2023 2:38 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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: 05/23/2023 2:56 pm

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	ND	Pass
Ethyl acetate	50.00	5000	ND	Pass

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Sample #: 1262**LRDV-BBM1****Residual Solvents by HS-GC-MS****Pass****Analysis Date:** 05/23/2023 2:56 pm

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	122.2	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:** 05/15/2023 2:38 pm

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:** 05/15/2023 9:53 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.01	2	ND	Pass

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Sample #: 1262**LRDV-BBM1****Heavy Metals by ICPMS****Pass**

Analysis Date: 05/15/2023 9:53 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Arsenic	0.001	0.2	ND	Pass
Cadmium	0.0015	0.3	ND	Pass
Chromium	0.28	110	0.55	Pass
Copper	0.075	30	0.57	Pass
Lead	0.0025	0.5	0.022	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**

Analysis Date: 05/17/2023 9:02 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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