CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Jul 09, 2024

Overall Result
PASS

Northeast Extracts

Hazmat — Flower

SAMPLE INFORMATION

Sample ID: CTNY-240628-004
Sample Name: Hazmat
Matrix: Cannabis Flower Product
Product: Flower
Batch No.: NEXNYTHM06001
Batch Size: 3200 Units
Sample Size: 13 Units
Cultivar(s): N/A
Date Collected: Jun 28, 2024
Time Collected: 17:21:00
Date Received: Jun 28, 2024
Category: Cannabis_flower_product
Compliance Type: Adult Use
Received By: Gabrielle

MANUFACTURER

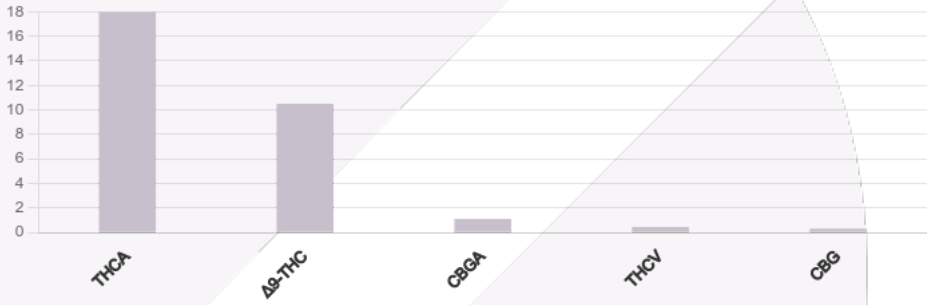
Northeast Extracts
License: OCM-AUCP-22-000027
Address: 26 Powell Ln
Penn Yan, NY 14527

CONTACT

Northeast Extracts
Phone: (585) 554-4500
Address: 26 Powell Ln
Penn Yan, NY 14527

Cannabinoids

TOTAL CANNABINOIDS	TOTAL THC	TOTAL CBD
28%	26.3%	< LOQ



Terpenes

TOTAL TERPENES: 1.7%

TOP 5 TERPENES		PROFILE
β-Caryophyllene	0.65%	Spicy
α-Humulene	0.21%	Hops
β-Myrcene	0.2%	Herbal
α-Bisabolol	0.19%	Floral
d-Limonene	0.13%	Citrus

Cannabinoids	Foreign Matter	Heavy Metals	Microbials	Moisture Content
TESTED	PASS	PASS	PASS	PASS

Mycotoxins	Pesticides	Terpenes	Water Activity
PASS	PASS	PASS	PASS

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Contact: Larry Clement
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Larry Clement
Technical Lab Director
Jul 09, 2024

Lovelie Metzgar
Quality Manager
Jul 09, 2024

Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10 -THC + 9S-Δ10 -THC, Total CBD = CBDa*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10 -THC and 9S-Δ10 -THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001

Cannabinoids

Testing Method: CTND-NY-SOP-P-002, CTND-NY-SOP-P-001: Cannabinoids by HPLC

TESTED

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
9R-Δ^{10}-THC		0.218	< LOQ	< LOQ		
9S-Δ^{10}-THC		0.218	< LOQ	< LOQ		
CBC		0.218	< LOQ	< LOQ		
CBD		0.218	< LOQ	< LOQ		
CBDA		0.218	< LOQ	< LOQ		
CBDV		0.218	< LOQ	< LOQ		
CBG		0.218	0.317	3.17		
Total THC			**26.3**	**263**		
Total CBD			**< LOQ**	**< LOQ**		

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA		0.218	1.10	11.0		
CBN		0.218	< LOQ	< LOQ		
Δ^{8}-THC		0.218	< LOQ	< LOQ		
Δ^{9}-THC		0.218	10.5	105		
Δ^{10}-THC			< LOQ	< LOQ		
THCA		0.218	18.0	180		
THCV		0.218	0.459	4.59		
Total THC			**26.3**	**263**		
Total CBD			**< LOQ**	**< LOQ**		

Prepared By: No Employee ID
Analysis Date: Jun 29, 2024 17:43:00 EDT

Analyzed By: No Employee ID
Prep Weight: 0.1758 Grams

Reviewed By: No Employee ID
Lab Batch #: NP240155

Foreign Matter

Testing Method: CTND-NY-SOP-F-001: Foreign Material by Visual Inspection

PASS

Analyte	Limit	Results	Status
Foreign Matter	2 %	ND	Pass
Mammal Excrement	1 mg/lb	ND	Pass

Analyte	Limit	Results	Status
Stems	5 %	ND	Pass

Prepared By: 1g6xws
Analysis Date: Jul 01, 2024 12:00:00 EDT

Analyzed By: 1g6xws
Prep Weight: Grams

Reviewed By: 1g6xws
Lab Batch #: NF240008

Heavy Metals

Testing Method: CTND-NY-SOP-M-002, CTND-NY-SOP-M-001: Heavy Metals by ICP-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Antimony	2	0.084	2	< LOQ	Pass
Arsenic	2	0.084	0.2	< LOQ	Pass
Cadmium	2	0.084	0.3	0.086	Pass
Chromium	2	0.169	110	0.310	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Copper	8	0.675	30	11.017	Pass
Lead	2	0.084	0.5	< LOQ	Pass
Mercury	2	0.084	0.1	< LOQ	Pass
Nickel	2	0.169	5	0.970	Pass

Prepared By: tvckqh
Analysis Date: Jul 01, 2024 16:23:00 EDT, Jul 01, 2024 16:19:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.4743 Grams

Reviewed By: tvckqh
Lab Batch #: NM240124

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Microbials

PASS

Analyte	LOQ	Limit	Results	Status
	CFU/g		CFU/g	
Yeast & Mold	100		< LOQ	N/A

Testing & Prep Method: Micro: Total Yeast & Mold by Biomerieux Tempo
Prepared By: k4gdmc | **Reviewed By:** k4gdmc | **Analyzed By:** k4gdmc
Analysis Date: Jul 02, 2024 16:30:00 EDT | **Lab Batch #:** NB240047

Analyte	LOQ	Limit	Results	Status
	CFU/g		CFU/g	
Aerobic Bacteria	100		< LOQ	N/A

Testing & Prep Method: Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo
Prepared By: k4gdmc | **Reviewed By:** k4gdmc | **Analyzed By:** k4gdmc
Analysis Date: Jul 03, 2024 13:00:00 EDT | **Lab Batch #:** NB240048

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Aspergillus flavus	1.00	Absent in any amt	Absent	Pass
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass
Aspergillus niger	1.00	Absent in any amt	Absent	Pass
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass

Testing & Prep Method: Micro: Aspergillus by Biomerieux Gene-Up
Prepared By: k4gdmc | **Reviewed By:** k4gdmc | **Analyzed By:** k4gdmc
Analysis Date: Jul 03, 2024 17:00:00 EDT | **Lab Batch #:** NB240048

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Salmonella spp.	1.00	Absent in any amt	Absent	Pass

Testing & Prep Method: Micro: Salmonella by Biomerieux Gene-Up
Prepared By: k4gdmc | **Reviewed By:** k4gdmc | **Analyzed By:** k4gdmc
Analysis Date: Jul 03, 2024 17:00:00 EDT | **Lab Batch #:** NB240048

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Shiga toxin-producing E. coli	1.00	Absent in any amt	Absent	Pass

Testing & Prep Method: Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up
Prepared By: k4gdmc | **Reviewed By:** k4gdmc | **Analyzed By:** k4gdmc
Analysis Date: Jul 03, 2024 17:00:00 EDT | **Lab Batch #:** NB240048

Moisture Content

Testing Method: CTND-NY-SOP-S-001: Moisture Content

PASS

Analyte	Limit	Results	Status
Moisture	15 %	11.9 %	Pass

Prepared By: 1g6xws | **Analyzed By:** 1g6xws | **Reviewed By:** 1g6xws
Analysis Date: Jul 01, 2024 11:20:00 EDT | **Prep Weight:** Grams | **Lab Batch #:** NS240015

Mycotoxins

Testing Method: CTND-NY-SOP-PM-002, CTND-NY-SOP-PM-001: Mycotoxins by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Aflatoxin B1	1	0.00996		< LOQ	N/A
Aflatoxin B2	1	0.00996		< LOQ	N/A
Aflatoxin G1	1	0.00996		< LOQ	N/A
Aflatoxins			**0.02**	**< LOQ**	**Pass**

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Aflatoxin G2	1	0.00996		< LOQ	N/A
Ochratoxin A	1	0.00996	0.02	< LOQ	Pass

Prepared By: k4gdmc | **Analyzed By:** k4gdmc | **Reviewed By:** k4gdmc
Analysis Date: Jul 02, 2024 17:00:00 EDT | **Prep Weight:** 1.0045 Grams | **Lab Batch #:** NPM240121

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Pesticides

Testing Method: CTND-NY-SOP-PM-002: Pesticides by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Abamectin	1	0.0996	0.5	< LOQ	Pass
Acephate	1	0.0996	0.4	< LOQ	Pass
Acequinocyl	1	0.0948	2	< LOQ	Pass
Acetamiprid	1	0.0996	0.2	< LOQ	Pass
Aldicarb	1	0.0996	0.4	< LOQ	Pass
Azadirachtin	1	0.0996	1	< LOQ	Pass
Azoxystrobin	1	0.0996	0.2	< LOQ	Pass
Bifenazate	1	0.0996	0.2	< LOQ	Pass
Bifenthrin	1	0.0996	0.2	< LOQ	Pass
Boscalid	1	0.0996	0.4	< LOQ	Pass
Captan	1	0.0948	1	< LOQ	Pass
Carbaryl	1	0.0996	0.2	< LOQ	Pass
Carbofuran	1	0.0996	0.2	< LOQ	Pass
Chlorantranil-iprole	1	0.0996	0.2	< LOQ	Pass
Chlordane	1	0.379	1	< LOQ	Pass
Chlorfenapyr	1	0.0948	1	< LOQ	Pass
Chlormequat chloride	1	0.0996	1	< LOQ	Pass
Chlorpyrifos	1	0.0996	0.2	< LOQ	Pass
Clofentezine	1	0.0996	0.2	< LOQ	Pass
Coumaphos	1	0.0996	1	< LOQ	Pass
Cyfluthrin	1	0.0996	1	< LOQ	Pass
Cypermethrin	1	0.0996	1	< LOQ	Pass
Daminozide	1	0.0996	1	< LOQ	Pass
Diazinon	1	0.0996	0.2	< LOQ	Pass
Dichlorvos	1	0.0996	1	< LOQ	Pass
Dimethoate	1	0.0996	0.2	< LOQ	Pass
Dimethomorph	1	0.0996	1	< LOQ	Pass
Ethoprophos	1	0.0996	0.2	< LOQ	Pass
Etofenprox	1	0.0996	0.4	< LOQ	Pass
Etoxazole	1	0.0996	0.2	< LOQ	Pass
Fenhexamid	1	0.0996	1	< LOQ	Pass
Fenoxycarb	1	0.0996	0.2	< LOQ	Pass
Fenpyroximate	1	0.0996	0.4	< LOQ	Pass
Fipronil	1	0.0948	0.4	< LOQ	Pass
Flonicamid	1	0.0996	1	< LOQ	Pass
Fludioxonil	1	0.0948	0.4	< LOQ	Pass
Hexythiazox	1	0.0996	1	< LOQ	Pass
Imazalil	1	0.0996	0.2	< LOQ	Pass
Imidacloprid	1	0.0996	0.4	< LOQ	Pass
Indole-3-butyric acid	1	0.0996	1	< LOQ	Pass
Kresoxim-methyl	1	0.0996	0.4	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Malathion	1	0.0996	0.2	< LOQ	Pass
Metalaxyl	1	0.0996	0.2	< LOQ	Pass
Methiocarb	1	0.0996	0.2	< LOQ	Pass
Methomyl	1	0.0996	0.4	< LOQ	Pass
Methyl parathion	1	0.0948	0.2	< LOQ	Pass
Mevinphos	1	0.0996	1	< LOQ	Pass
MGK-264			0.2	< LOQ	Pass
MGK-264 I	1	0.0328		< LOQ	N/A
MGK-264 II	1	0.0643		< LOQ	N/A
Myclobutanil	1	0.0996	0.2	< LOQ	Pass
Naled	1	0.0996	0.5	< LOQ	Pass
Oxamyl	1	0.0996	1	< LOQ	Pass
Paclobutrazol	1	0.0996	0.4	< LOQ	Pass
Pentachloroni-trobenzene	1	0.0948	1	< LOQ	Pass
Permethrin			0.2	< LOQ	Pass
Permethrin cis	1	0.0458		< LOQ	N/A
Permethrin trans	1	0.0538		< LOQ	N/A
Phosmet	1	0.0996	0.2	< LOQ	Pass
Piperonylbuto-xide	1	0.0996	2	< LOQ	Pass
Prallethrin	1	0.0996	0.2	< LOQ	Pass
Propiconazole	1	0.0996	0.4	< LOQ	Pass
Propoxur	1	0.0996	0.2	< LOQ	Pass
Pyrethrins			1	< LOQ	Pass
Pyrethrins Cinerin I	1	0.00538		< LOQ	N/A
Pyrethrins Cinerin II	1	0.00358		< LOQ	N/A
Pyrethrins Jasmolin I	1	0.00376		< LOQ	N/A
Pyrethrins Jasmolin II	1	0.00251		< LOQ	N/A
Pyrethrins Pyrethrin I	1	0.0530		< LOQ	N/A
Pyrethrins Pyrethrin II	1	0.0262		< LOQ	N/A
Pyridaben	1	0.0996	0.2	< LOQ	Pass
Spinetoram	1	0.0996	1	< LOQ	Pass
Spinosad			0.2	< LOQ	Pass
Spinosad A	1	0.0802		< LOQ	N/A
Spinosad D	1	0.0173		< LOQ	N/A
Spiromesifen	1	0.0996	0.2	< LOQ	Pass
Spirotetramat	1	0.0996	0.2	< LOQ	Pass
Spiroxamine	1	0.0996	0.2	< LOQ	Pass
Tebuconazole	1	0.0996	0.4	< LOQ	Pass
Thiacloprid	1	0.0996	0.2	< LOQ	Pass
Thiamethoxam	1	0.0996	0.2	< LOQ	Pass
Trifloxystrob-in	1	0.0996	0.2	< LOQ	Pass

Prepared By: k4gdmc
Analysis Date: Jul 09, 2024 09:15:00 EDT

Analyzed By: k4gdmc
Prep Weight: 1.055 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM240121, NPM240122

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Terpenes

Testing Method: CTND-NY-SOP-T-001, CTND-NY-SOP-T-002: Terpenes by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	%	mg/g
α-Bisabolol	1	0.0187		0.1932	1.9320
α-Humulene	1	0.0187		0.2092	2.0920
α-Phellandrene	1	0.0187		< LOQ	< LOQ
α-Pinene	1	0.0187		< LOQ	< LOQ
α-Terpinene	1	0.0187		< LOQ	< LOQ
β-Caryophyllene	1	0.0187		0.6513	6.5130
β-Myrcene	1	0.0187		0.2030	2.0300
β-Pinene	1	0.0187		0.0247	0.2470
Camphene	1	0.0187		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0187		0.0481	0.4810
cis-β-Ocimene	1	0.0052		< LOQ	< LOQ
d-Limonene	1	0.0187		0.1338	1.3380
Δ^3-Carene	1	0.0187		< LOQ	< LOQ
Eucalyptol	1	0.0187		< LOQ	< LOQ
Total Terpenes			**10**	**1.7007**	**17.0070**

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	%	mg/g
Fenchol	1	0.0187		0.0467	0.4670
γ-Terpinene	1	0.0187		< LOQ	< LOQ
Geraniol	1	0.0187		< LOQ	< LOQ
Guaiol	1	0.0187		< LOQ	< LOQ
Isopulegol	1	0.0187		< LOQ	< LOQ
Linalool	1	0.0187		0.1159	1.1590
p-Cymene	1	0.0187		< LOQ	< LOQ
Terpineol	1	0.0187		0.0421	0.4210
Terpinolene	1	0.0187		< LOQ	< LOQ
trans-β-Farnesene	1	0.0187		< LOQ	< LOQ
trans-β-Ocimene	1	0.0125		< LOQ	< LOQ
trans-Nerolidol	1	0.0187		< LOQ	< LOQ
Valencene	1	0.0187		0.0327	0.3270
Total Terpenes			**10**	**1.7007**	**17.0070**

Prepared By: tvckqh
Analysis Date: Jul 02, 2024 15:47:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.1071 Grams

Reviewed By: tvckqh
Lab Batch #: NT240120

Water Activity

Testing Method: CTND-NY-SOP-W-001: Water Activity

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.51 Aw	Pass

Prepared By: 1g6xws
Analysis Date: Jul 01, 2024 12:00:00 EDT

Analyzed By: 1g6xws
Prep Weight: Grams

Reviewed By: 1g6xws
Lab Batch #: NW240117

Regulatory Compliance Testing

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