



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing

Report Date: Dec 02, 2025

Overall Result



PASS

NanoCann Independent Research

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Munchkins - Flower - Packaged - 28g - Chemlato - Sativa

Flower

SAMPLE INFORMATION

Sample ID: CTNY-251119-002
Sample Name: Munchkins - Flower - Packaged - 28g - Chemlato - Sativa
Matrix: Cannabis Flower Product
Product: Flower
Batch No.: M-F-28G-CHL-111725
Batch Size: 300 Units
Sample Size: 5 Units
Cultivar(s): Chemlato
Date Collected: Nov 20, 2025
Time Collected: 09:31:49
Date Received: Nov 20, 2025
Category: Cannabis_flower_product
Compliance Type: Adult Use
Received By: Alex Eramo

MANUFACTURER

NanoCann Independent Research
License: OCM-PROC-24-000176
Address: 399 Smith St
Farmingdale, NY 11735

CONTACT

Charles Blanton
Address: 399 Smith St
Farmingdale, NY 11735

Cannabinoids

TOTAL CANNABINOIDS

30.5%

TOTAL THC

29.9%

TOTAL CBD

< LOQ



Terpenes

TOTAL TERPENES

1.3%

TOP 5 TERPENES

β-Caryophyllene	0.4%	Spicy	
d-Limonene	0.26%	Citrus	
α-Humulene	0.15%	Hops	
Linalool	0.13%	Floral	
β-Myrcene	0.08%	Herbal	

PROFILE

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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Larry Clement
Quality Assurance Officer
Dec 02, 2025

Logan Alvarez
Lead Technical Director
Dec 02, 2025

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



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Cannabinoids

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

TESTED

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
9R- Δ^9 -THC*	0.191	< LOQ	< LOQ			
9S- Δ^9 -THC*	0.191	< LOQ	< LOQ			
CBC	0.191	< LOQ	< LOQ			
CBD	0.191	< LOQ	< LOQ			
CBDA	0.191	< LOQ	< LOQ			
CBDV	0.191	< LOQ	< LOQ			
CBG	0.191	< LOQ	< LOQ			
Total THC		29.9	299			
Total CBD		< LOQ	< LOQ			

* Beyond scope of accreditation

Prepared By: 38fef6
Analysis Date: Nov 24, 2025 19:32:00 EST

Analyzed By: 38fef6
Prep Weight: 0.2464 Grams

Reviewed By: 38fef6
Lab Batch #: NP250151

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

* Beyond scope of accreditation

Prepared By: dcab3b
Analysis Date: Nov 25, 2025 16:40:00 EST

Analyzed By: dcab3b
Prep Weight: Grams

Reviewed By: dcab3b
Lab Batch #: NF250046

Heavy Metals

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

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	$\mu\text{g/g}$	$\mu\text{g/g}$	$\mu\text{g/g}$	
Antimony	2	0.085	2	< LOQ	Pass
Arsenic	2	0.085	0.2	< LOQ	Pass
Cadmium	2	0.085	0.2	< LOQ	Pass
Chromium	2	0.425	110	< LOQ	Pass

Prepared By: dcab3b
Analysis Date: Nov 24, 2025 16:27:00 EST

Analyzed By: dcab3b
Prep Weight: 0.4704 Grams

Reviewed By: dcab3b
Lab Batch #: NM250082



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Definitions and Equations: Total THC = THCa*0.877 + Δ^8 -THC + Δ^9 -THC + Δ^{10} -THC, Δ^{10} -THC = 9R- Δ^{10} -THC + 9S- Δ^{10} -THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R- Δ^{10} -THC and 9S- Δ^{10} -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



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Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Total Yeast & Mold by Biomerieux Tempo		
Yeast & Mold	CFU/g 100		CFU/g 78000	N/A	Prepared By: 38fef6	Reviewed By: 38fef6	Analyzed By: 38fef6
					Analysis Date: Nov 24, 2025 17:51:00 EST	Lab Batch #: NB250110	
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo		
Aerobic Bacteria	CFU/g 100		CFU/g 170000	N/A	Prepared By: k4gdmc	Reviewed By: k4gdmc	Analyzed By: k4gdmc
					Analysis Date: Nov 26, 2025 16:00:00 EST	Lab Batch #: NB250112	
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Aspergillus by Biomerieux Gene-Up		
Aspergillus flavus	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc	Reviewed By: k4gdmc	Analyzed By: k4gdmc
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass	Analysis Date: Nov 26, 2025 17:00:00 EST	Lab Batch #: NB250112	
Aspergillus niger	1.00	Absent in any amt	Absent	Pass			
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass			
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Salmonella by Biomerieux Gene-Up		
Salmonella spp.	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc	Reviewed By: k4gdmc	Analyzed By: k4gdmc
					Analysis Date: Nov 26, 2025 17:00:00 EST	Lab Batch #: NB250112	
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up		
Shiga toxin-producing E. coli	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc	Reviewed By: k4gdmc	Analyzed By: k4gdmc
					Analysis Date: Nov 26, 2025 17:00:00 EST	Lab Batch #: NB250112	

Moisture Content

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

PASS

Analyte	Limit	Results	Status
Moisture	15 %	13.2 %	Pass
Prepared By: dcab3b Analysis Date: Nov 20, 2025 15:02:00 EST			
Analyzed By: dcab3b Prep Weight: 0.9934 Grams			
Reviewed By: dcab3b Lab Batch #: NS250098			

Mycotoxins

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

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g			1:n	µg/g	µg/g	µg/g	
Aflatoxin B1	1	0.0107		< LOQ	N/A	Aflatoxin G2	1	0.0107		< LOQ	N/A
Aflatoxin B2	1	0.0107		< LOQ	N/A	Ochratoxin A	1	0.0107	0.02	< LOQ	Pass
Aflatoxin G1	1	0.0107		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Aflatoxins			0.02	< LOQ	Pass						
Prepared By: dcab3b Analysis Date: Nov 21, 2025 17:00:00 EST						Reviewed By: k4gdmc Lab Batch #: NPM250086					
Analyzed By: k4gdmc Prep Weight: 0.934 Grams											



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Pesticides

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

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm			1:n	ppm	ppm	ppm	
Abamectin	1	0.107	0.5	< LOQ	Pass	Kresoxim-methyl	1	0.107	0.4	< LOQ	Pass
Acephate	1	0.107	0.4	< LOQ	Pass	Malathion	1	0.107	0.2	< LOQ	Pass
Acequinocyl	1	0.107	2	< LOQ	Pass	Metalaxyl	1	0.107	0.2	< LOQ	Pass
Acetamiprid	1	0.107	0.2	< LOQ	Pass	Methiocarb	1	0.107	0.2	< LOQ	Pass
Aldicarb	1	0.107	0.4	< LOQ	Pass	Methomyl	1	0.107	0.4	< LOQ	Pass
Azadirachtin	1	0.107	1	< LOQ	Pass	Methyl parathion	1	0.107	0.2	< LOQ	Pass
Azoxystrobin	1	0.107	0.2	< LOQ	Pass	Mevinphos	1	0.107	1	< LOQ	Pass
Bifenazate	1	0.107	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenthrin	1	0.107	0.2	< LOQ	Pass	MGK-264 I*	1	0.0352		< LOQ	N/A
Boscalid	1	0.107	0.4	< LOQ	Pass	MGK-264 II*	1	0.0692		< LOQ	N/A
Captan	1	0.535	1	< LOQ	Pass	Myclobutanil	1	0.107	0.2	< LOQ	Pass
Carbaryl	1	0.107	0.2	< LOQ	Pass	Naled	1	0.107	0.5	< LOQ	Pass
Carbofuran	1	0.107	0.2	< LOQ	Pass	Oxamyl	1	0.107	1	< LOQ	Pass
Chlorantraniliprole	1	0.107	0.2	< LOQ	Pass	Paclobutrazol	1	0.107	0.4	< LOQ	Pass
Chlordane	1	0.428	1	< LOQ	Pass	Pentachloronitrobenzene	1	0.107	1	< LOQ	Pass
Chlorfenapyr	1	0.107	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chlormequat chloride	1	0.107	1	< LOQ	Pass	Permethrin cis*	1	0.0493		< LOQ	N/A
Chlorpyrifos	1	0.107	0.2	< LOQ	Pass	Permethrin trans*	1	0.0578		< LOQ	N/A
Clofentezine	1	0.107	0.2	< LOQ	Pass	Phosmet	1	0.107	0.2	< LOQ	Pass
Coumaphos	1	0.107	1	< LOQ	Pass	Piperonylbutoxide	1	0.107	2	< LOQ	Pass
Cyfluthrin	1	0.107	1	< LOQ	Pass	Prallethrin	1	0.107	0.2	< LOQ	Pass
Cypermethrin	1	0.107	1	< LOQ	Pass	Propiconazole	1	0.107	0.4	< LOQ	Pass
Daminozide	1	0.107	1	< LOQ	Pass	Propoxur	1	0.107	0.2	< LOQ	Pass
Diazinon	1	0.107	0.2	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Dichlorvos	1	0.107	1	< LOQ	Pass	Pyrethrins Cinerin I*	1	0.00578		< LOQ	N/A
Dimethoate	1	0.107	0.2	< LOQ	Pass	Pyrethrins Jasmolin I*	1	0.00405		< LOQ	N/A
Dimethomorph	1	0.107	1	< LOQ	Pass	Pyrethrins Pyrethrin I*	1	0.0570		< LOQ	N/A
Ethoprophos	1	0.107	0.2	< LOQ	Pass	Pyridaben	1	0.107	0.2	< LOQ	Pass
Etofenprox	1	0.107	0.4	< LOQ	Pass	Spinetoram	1	0.107	1	< LOQ	Pass
Etoxazole	1	0.107	0.2	< LOQ	Pass	Spinosad*			0.2	< LOQ	Pass
Fenhexamid	1	0.107	1	< LOQ	Pass	Spinosad A*	1	0.0863		< LOQ	N/A
Fenoxycarb	1	0.107	0.2	< LOQ	Pass	Spinosad D*	1	0.0186		< LOQ	N/A
Fenpyroximate	1	0.107	0.4	< LOQ	Pass	Spiromesifen	1	0.107	0.2	< LOQ	Pass
Fipronil	1	0.107	0.4	< LOQ	Pass	Spirotetramat	1	0.107	0.2	< LOQ	Pass
Flonicamid	1	0.107	1	< LOQ	Pass	Spiroxamine	1	0.107	0.2	< LOQ	Pass
Fludioxonil	1	0.107	0.4	< LOQ	Pass	Tebuconazole	1	0.107	0.4	< LOQ	Pass
Hexythiazox	1	0.107	1	< LOQ	Pass	Thiacloprid	1	0.107	0.2	< LOQ	Pass
Imazalil	1	0.107	0.2	< LOQ	Pass	Thiamethoxam	1	0.107	0.2	< LOQ	Pass
Imidacloprid	1	0.107	0.4	< LOQ	Pass	Trifloxystrobin	1	0.107	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.107	1	< LOQ	Pass						

* Beyond scope of accreditation

Prepared By: dcab3b
Analysis Date: Nov 21, 2025 17:00:00 EST

Analyzed By: k4gdmc
Prep Weight: 0.934 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM250086



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Munchkins - Flower - Packaged - 28g - Chemlato - Sativa

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	0.0213		0.0733	0.7330
α-Humulene	1	0.0213		0.1517	1.5170
α-Phellandrene	1	0.0213		< LOQ	< LOQ
α-Pinene	1	0.0213		0.0388	0.3880
α-Terpinene	1	0.0213		< LOQ	< LOQ
β-Caryophyllene*	1	0.0213		0.4018	4.0180
β-Myrcene	1	0.0213		0.0830	0.8300
β-Pinene*	1	0.0213		0.0606	0.6060
Camphene	1	0.0213		< LOQ	< LOQ
Caryophyllene Oxide*	1	0.0213		< LOQ	< LOQ
cis-β-Ocimene*	1	0.0060		< LOQ	< LOQ
d-Limonene*	1	0.0213		0.2567	2.5670
Δ ³ -Carene	1	0.0213		< LOQ	< LOQ
Eucalyptol*	1	0.0213		< LOQ	< LOQ
Total Terpenes*			11.5	1.3045	13.0450

* Beyond scope of accreditation

Prepared By: dcab3b
Analysis Date: Dec 01, 2025 16:33:00 EST

Analyzed By: k4gdmc
Prep Weight: 0.0939 Grams

Reviewed By: k4gdmc
Lab Batch #: NT250104

Water Activity

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

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.54 Aw	Pass

Prepared By: dcab3b
Analysis Date: Nov 25, 2025 08:01:00 EST

Analyzed By: dcab3b
Prep Weight: Grams

Reviewed By: dcab3b
Lab Batch #: NW250064



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Accreditations



ilac-MRA



**PJLA
Testing
Accreditation #116070**

ISO/IEC 17025

ilac-MRA, PJLA Accredited

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

Abamectin, Acephate, Acequinocyl, Acetamiprid, Aldicarb, Azadirachtin, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Captan, Carbaryl, Carbofuran, Chlorantraniliprole, Chlordane, Chlorfenapyr, Chlormequat chloride, Chlorpyrifos, Clofentezine, Coumaphos, Cyfluthrin, Cypermethrin, Daminozide, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Ethoprophos, Etofenprox, Etoxazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fipronil, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Indole-3-butyric acid, Kresoxim-methyl, MGK-264, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl parathion, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Pentachloronitrobenzene, Permethrin, Phosmet, Piperonylbutoxide, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyridaben, Spinetoram, Spinosyn A, Spinosyn D, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin

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

(-)-Caryophyllene oxide, (-)-Guaiaol, (-)-Isopulegol, (-)-alpha-Bisabolol, (-)-beta-Pinene, (R)-(+)-Limonene, 1,8-Cineole, Camphene, Delta-3-Carene, Farnesene, Fenchol, Geraniol, Linalool, Ocimene, Terpineol, Valencene, alpha-Humulene, alpha-Phellandrene, alpha-Pinene, alpha-Terpinene, beta-Myrcene, p-Isopropyltoluene, trans-Caryophyllene, trans-Nerolidol

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

CBC, CBD, CBDA, CBDV, CBG, CBN, Delta-10-THC, Delta-8-THC, Delta-9-THC, Delta-9-THCA, THCV, Total CBD, Total THC

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

Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxins, Ochratoxin A, Total Aflatoxins

Micro: Aspergillus by Biomerieux Gene-Up

Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, Aspergillus terreus

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

Antimony, Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel

Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up

Shiga toxin-producing E. coli

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

Filth, Foreign Matter

Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo

Aerobic Bacteria

Micro: Salmonella by Biomerieux Gene-Up

Salmonella spp.

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

Water Activity

Micro: Total Yeast & Mold by Biomerieux Tempo

Yeast & Mold

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

Moisture

Regulatory Compliance Testing



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