



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing

This is a revised COA issued on May 19, 2026

Overall Result



PASS

Moby & Zeke LLC (dba Sapphire Farms)

pg 1 of 6

MAKU-001-INF5

Pre-roll



SAMPLE INFORMATION

Sample ID: CTNY-260507-00-004

Sample Name: MAKU-001-INF5

Matrix: Infused Prerolls - Bulk

Product: Pre-roll

Batch No.: MAKU-001-INF5

Test Pkg: 1A4120300000294000001505

Src Pkg: 1A4120300000294000001501

Batch Size: 17434 Units

Sample Size: 32 Units

Package Size: 1 g

Cultivar(s): Mango Kush

Date Collected: May 08, 2026

Time Collected: 09:17:52

Date Received: May 08, 2026

Category: Infused Prerolls - Bulk

Compliance Type: Adult Use

Received By: Emily Denton

MANUFACTURER

Moby & Zeke LLC (dba Sapphire Farms)

License: OCM-PROC-24-000031

Address: 620 Shaffer Rd

Newfield, NY 14867

CONTACT

Michael Howe

Address: 620 Shaffer Rd

Newfield, NY 14867

Cannabinoids

TOTAL
CANNABINOIDS

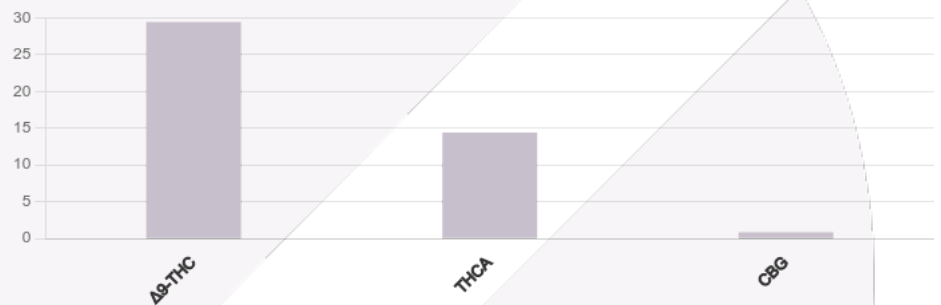
42.9%

TOTAL
THC

42%

TOTAL
CBD

< LOQ



Terpenes

TOTAL
TERPENES

1.65%

TOP 5 TERPENES

β-Caryophyllene	0.65%	Spicy	
α-Humulene	0.26%	Hops	
α-Bisabolol	0.23%	Floral	
Linalool	0.15%	Floral	
d-Limonene	0.12%	Citrus	

PROFILE

Cannabinoids	Heavy Metals	Microbials	Moisture Content	Mycotoxins
TESTED	PASS	PASS	PASS	PASS
Pesticides	Residual Solvents	Terpenes	Water Activity	
PASS	PASS	PASS	PASS	



Certified Testing and Data
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Menands, NY 12204
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License: OCM-CPL-24-00009-L1
Contact: Larry Clement
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Logan Alvarez

Logan Alvarez
Lead Technical Director
May 19, 2026

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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pg 2 of 6

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	0.690	< LOQ	< LOQ	< LOQ		
9S- Δ^9 -THC	0.690	< LOQ	< LOQ	< LOQ		
CBC	0.690	< LOQ	< LOQ	< LOQ		
CBD	0.690	< LOQ	< LOQ	< LOQ		
CBDA	0.690	< LOQ	< LOQ	< LOQ		
CBDV	0.690	< LOQ	< LOQ	< LOQ		
CBG	0.690	0.868	8.68	8.68		
Total THC		42.0	420	420		
Total CBD		< LOQ	< LOQ	< LOQ		

* Beyond scope of accreditation

Prepared By: k4gdmc
Analysis Date: May 12, 2026 12:19:00 EDT

Analyzed By: k4gdmc
Prep Weight: 0.1491 Grams

Reviewed By: k4gdmc
Lab Batch #: 260511_POT

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	0.079	2	< LOQ	Pass
Arsenic	2	0.079	0.2	< LOQ	Pass
Cadmium	2	0.079	0.2	< LOQ	Pass
Chromium	2	0.393	110	< LOQ	Pass

Prepared By: dcab3b
Analysis Date: May 11, 2026 11:50:00 EDT

Analyzed By: dcab3b
Prep Weight: 0.5089 Grams

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	$\mu\text{g/g}$	$\mu\text{g/g}$	$\mu\text{g/g}$	
Copper	2	0.393	30	18.065	Pass
Lead	2	0.079	0.5	0.150	Pass
Mercury	2	0.079	0.1	< LOQ	Pass
Nickel	2	0.393	5	0.777	Pass

Reviewed By: dcab3b
Lab Batch #: 260508_HM



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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



MAKU-001-INF5

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pg 3 of 6

Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo		
Aerobic Bacteria	CFU/g 100		CFU/g 100	N/A	Prepared By: No Employee ID Analysis Date: May 09, 2026 15:59:00 EDT	Reviewed By: No Employee ID Lab Batch #: 260508_MIC	Analyzed By: No Employee ID
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Total Yeast & Mold by Biomerieux Tempo		
Yeast & Mold	CFU/g 100		CFU/g < LOQ	N/A	Prepared By: k4gdmc Analysis Date: May 11, 2026 17:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: 260508_MIC	Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Salmonella by Biomerieux Gene-Up		
Salmonella spp.	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: May 13, 2026 17:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: 260508-MIC / 260512-MIC	Analyzed By: k4gdmc
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	CFU/g Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: May 13, 2026 17:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: 260508-MIC / 260512-MIC	Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method: Micro: Aspergillus by Biomerieux Gene-Up		
Aspergillus flavus	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Prepared By: k4gdmc Analysis Date: May 15, 2026 12:00:00 EDT	Reviewed By: k4gdmc Lab Batch #: 260512_MIC	Analyzed By: k4gdmc
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			

Moisture Content

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

PASS

Analyte	Limit	Results	Status
Moisture	15 %	7.1 %	Pass
Prepared By: No Employee ID Analysis Date: May 14, 2026 09:48:00 EDT			
Analyzed By: No Employee ID Prep Weight: 1.0891 Grams			
Reviewed By: k4gdmc Lab Batch #: 260511_MC_1			

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	0.0117		< LOQ	N/A	Aflatoxin G2	1	0.0117		< LOQ	N/A
Aflatoxin B2	1	0.0117		< LOQ	N/A	Ochratoxin A	1	0.0117	0.02	< LOQ	Pass
Aflatoxin G1	1	0.0117		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Aflatoxins			0.02	< LOQ	Pass						
Prepared By: k4gdmc Analysis Date: May 11, 2026 17:00:00 EDT						Analyzed By: k4gdmc Prep Weight: 0.8581 Grams					
						Reviewed By: k4gdmc Lab Batch #: 260511_PEST					



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Lead Technical Director
May 19, 2026



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pg 4 of 6

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	0.117	0.5	< LOQ	Pass	Kresoxim-methyl	1	0.117	0.4	< LOQ	Pass
Acephate	1	0.117	0.4	< LOQ	Pass	Malathion	1	0.117	0.2	< LOQ	Pass
Acequinocyl	1	0.117	2	< LOQ	Pass	Metalaxyl	1	0.117	0.2	< LOQ	Pass
Acetamiprid	1	0.117	0.2	< LOQ	Pass	Methiocarb	1	0.117	0.2	< LOQ	Pass
Aldicarb	1	0.117	0.4	< LOQ	Pass	Methomyl	1	0.117	0.4	< LOQ	Pass
Azadirachtin	1	0.117	1	< LOQ	Pass	Methyl parathion	1	0.117	0.2	< LOQ	Pass
Azoxystrobin	1	0.117	0.2	< LOQ	Pass	Mevinphos	1	0.117	1	< LOQ	Pass
Bifenazate	1	0.117	0.2	< LOQ	Pass	MGK-264			0.2	< LOQ	Pass
Bifenthrin	1	0.117	0.2	< LOQ	Pass	MGK-264 I	1	0.0383		< LOQ	N/A
Boscalid	1	0.117	0.4	< LOQ	Pass	MGK-264 II	1	0.0753		< LOQ	N/A
Captan	1	0.583	1	< LOQ	Pass	Myclobutanil	1	0.117	0.2	< LOQ	Pass
Carbaryl	1	0.117	0.2	< LOQ	Pass	Naled	1	0.117	0.5	< LOQ	Pass
Carbofuran	1	0.117	0.2	< LOQ	Pass	Oxamyl	1	0.117	1	< LOQ	Pass
Chlorantraniliprole	1	0.117	0.2	< LOQ	Pass	Paclobutrazol	1	0.117	0.4	< LOQ	Pass
Chlordane	1	0.466	1	< LOQ	Pass	Pentachloronitrobenzene	1	0.117	1	< LOQ	Pass
Chlorfenapyr	1	0.117	1	< LOQ	Pass	Permethrin			0.2	< LOQ	Pass
Chlormequat chloride	1	0.117	1	< LOQ	Pass	Permethrin cis	1	0.0536		< LOQ	N/A
Chlorpyrifos	1	0.117	0.2	< LOQ	Pass	Permethrin trans	1	0.0629		< LOQ	N/A
Clofentezine	1	0.117	0.2	< LOQ	Pass	Phosmet	1	0.117	0.2	< LOQ	Pass
Coumaphos	1	0.117	1	< LOQ	Pass	Piperonylbutoxide	1	0.117	2	< LOQ	Pass
Cyfluthrin	1	0.117	1	< LOQ	Pass	Prallethrin	1	0.117	0.2	< LOQ	Pass
Cypermethrin	1	0.117	1	< LOQ	Pass	Propiconazole	1	0.117	0.4	< LOQ	Pass
Daminozide	1	0.117	1	< LOQ	Pass	Propoxur	1	0.117	0.2	< LOQ	Pass
Diazinon	1	0.117	0.2	< LOQ	Pass	Pyrethrins			1	< LOQ	Pass
Dichlorvos	1	0.117	1	< LOQ	Pass	Pyrethrins Cinerin I	1	0.00629		< LOQ	N/A
Dimethoate	1	0.117	0.2	< LOQ	Pass	Pyrethrins Jasmolin I	1	0.00441		< LOQ	N/A
Dimethomorph	1	0.117	1	< LOQ	Pass	Pyrethrins Pyrethrin I	1	0.0620		< LOQ	N/A
Ethoprophos	1	0.117	0.2	< LOQ	Pass	Pyridaben	1	0.117	0.2	< LOQ	Pass
Etofenprox	1	0.117	0.4	< LOQ	Pass	Spinetoram	1	0.117	1	< LOQ	Pass
Etoxazole	1	0.117	0.2	< LOQ	Pass	Spinosad			0.2	< LOQ	Pass
Fenhexamid	1	0.117	1	< LOQ	Pass	Spinosad A	1	0.0939		< LOQ	N/A
Fenoxycarb	1	0.117	0.2	< LOQ	Pass	Spinosad D	1	0.0203		< LOQ	N/A
Fenpyroximate	1	0.117	0.4	< LOQ	Pass	Spiromesifen	1	0.117	0.2	< LOQ	Pass
Fipronil	1	0.117	0.4	< LOQ	Pass	Spirotetramat	1	0.117	0.2	< LOQ	Pass
Flonicamid	1	0.117	1	< LOQ	Pass	Spiroxamine	1	0.117	0.2	< LOQ	Pass
Fludioxonil	1	0.117	0.4	< LOQ	Pass	Tebuconazole	1	0.117	0.4	< LOQ	Pass
Hexythiazox	1	0.117	1	< LOQ	Pass	Thiacloprid	1	0.117	0.2	< LOQ	Pass
Imazalil	1	0.117	0.2	< LOQ	Pass	Thiamethoxam	1	0.117	0.2	< LOQ	Pass
Imidacloprid	1	0.117	0.4	< LOQ	Pass	Trifloxystrobin	1	0.117	0.2	< LOQ	Pass
Indole-3-butyric acid	1	0.117	1	< LOQ	Pass						

Prepared By: k4gdmc
Analysis Date: May 11, 2026 17:00:00 EDT

Analyzed By: k4gdmc
Prep Weight: 0.8581 Grams

Reviewed By: k4gdmc
Lab Batch #: 260511_PEST



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Lead Technical Director
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MAKU-001-INF5

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pg 5 of 6

Residual Solvents

Testing Method: CTND-NY-SOP-R-001, CTND-NY-SOP-R-002: Residual Solvents by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm			1:n	ppm	ppm	ppm	
1,1,1,2-Tetrafluoroethane*	1	197.000	1000	< LOQ	Pass	Dimethyl sulfoxide	1	1570.000	5000	< LOQ	Pass
1,1,1-Trichloroethane*	1	78.600	1500	< LOQ	Pass	Ethanol	1	78.600	5000	< LOQ	Pass
1,2-Dichloroethane*	1	7.860	5	< LOQ	Pass	Ethyl acetate	1	78.600	5000	< LOQ	Pass
2,2-Dimethylbutane*	1	15.700		< LOQ	N/A	Ethyl ether	1	78.600	5000	< LOQ	Pass
2,3-Dimethylbutane*	1	15.700		< LOQ	N/A	Heptane	1	78.600	5000	< LOQ	Pass
2-Methylbutane*	1	26.200		< LOQ	N/A	Hexane	1	15.700		< LOQ	N/A
2-Methylpentane*	1	15.700		< LOQ	N/A	Hexanes*			290	< LOQ	Pass
2-Methylpropane*	1	39.300		< LOQ	N/A	Methanol	1	78.600	3000	< LOQ	Pass
2-Propanol*	1	78.600	5000	< LOQ	Pass	Neopentane*	1	26.200		< LOQ	N/A
3-Methylpentane*	1	15.700		< LOQ	N/A	o-Xylene	1	19.700		< LOQ	N/A
Acetone	1	78.600	5000	< LOQ	Pass	p- and m-Xylene	1	39.300		< LOQ	N/A
Acetonitrile	1	78.600	410	< LOQ	Pass	Pentane	1	26.200		< LOQ	N/A
Benzene	1	0.786	2	< LOQ	Pass	Pentanes*			5000	< LOQ	Pass
Butane	1	39.300		< LOQ	N/A	Propane	1	78.600	5000	< LOQ	Pass
Butanes*			5000	< LOQ	Pass	Toluene	1	78.600	890	< LOQ	Pass
Chloroform	1	0.786	60	< LOQ	Pass	Total xylenes*			2170	< LOQ	Pass
Dichloromethane*	1	78.600	600	< LOQ	Pass	Trichloroethylene*	1	78.600		< LOQ	N/A

* Beyond scope of accreditation

Prepared By: k4gdmc
Analysis Date: May 16, 2026 11:12:00 EDT

Analyzed By: k4gdmc
Prep Weight: 0.1272 Grams

Reviewed By: k4gdmc
Lab Batch #: 260512_RS

Terpenes

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

PASS

Analyte	Dilution	LOQ	Limit	Results	Results	Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	mg/g			1:n	%	%	mg/g	
α-Bisabolol	1	0.0201	0.2323	2.3230		Fenchol	1	0.0201	0.0371	0.3710	
α-Humulene	1	0.0201	0.2581	2.5810		γ-Terpinene	1	0.0201	< LOQ	< LOQ	
α-Phellandrene	1	0.0201	< LOQ	< LOQ		Geraniol	1	0.0201	< LOQ	< LOQ	
α-Pinene	1	0.0201	< LOQ	< LOQ		Guaiol	1	0.0201	< LOQ	< LOQ	
α-Terpinene	1	0.0201	< LOQ	< LOQ		Isopulegol	1	0.0201	< LOQ	< LOQ	
β-Caryophyllene	1	0.0201	0.6472	6.4720		Linalool	1	0.0201	0.1500	1.5000	
β-Myrcene	1	0.0201	0.0484	0.4840		p-Cymene	1	0.0201	< LOQ	< LOQ	
β-Pinene	1	0.0201	0.0231	0.2310		Terpineol	1	0.0201	0.0429	0.4290	
Camphene	1	0.0201	< LOQ	< LOQ		Terpinolene	1	0.0201	< LOQ	< LOQ	
Caryophyllene Oxide	1	0.0201	0.0634	0.6340		trans-β-Farnesene	1	0.0201	< LOQ	< LOQ	
cis-β-Ocimene	1	0.0056	0.0264	0.2640		trans-β-Ocimene	1	0.0135	< LOQ	< LOQ	
d-Limonene	1	0.0201	0.1169	1.1690		trans-Nerolidol	1	0.0201	< LOQ	< LOQ	
Δ ³ -Carene	1	0.0201	< LOQ	< LOQ		Valencene	1	0.0201	< LOQ	< LOQ	
Eucalyptol	1	0.0201	< LOQ	< LOQ							
Total Terpenes*			1.6458	16.4580		Total Terpenes*			1.6458	16.4580	

* Beyond scope of accreditation

Prepared By: dcab3b
Analysis Date: May 14, 2026 16:05:00 EDT

Analyzed By: dcab3b
Prep Weight: 0.0996 Grams

Reviewed By: dcab3b
Lab Batch #: 260511_TERP



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Lead Technical Director
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pg 6 of 6

Water Activity

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

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.42 Aw	Pass

Prepared By: No Employee ID
Analysis Date: May 11, 2026 18:03:00 EDT

Analyzed By: No Employee ID
Prep Weight: Grams

Reviewed By: No Employee ID
Lab Batch #: 260511_WA

Notes

Logan Emerson Alvarez
May 19, 2026

COA revised to include updated METRC testing information.

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, MGK-264 I, MGK-264 II, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl parathion, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Pentachloronitrobenzene, Permethrin, Permethrin cis, Permethrin trans, Phosmet, Piperonylbutoxide, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyrethrins Cinerin I, Pyrethrins Jasmolin I, Pyrethrins Pyrethrin I, Pyridaben, Spinetoram, Spinosad, Spinosad A, Spinosad D, Spinosyn A, Spinosyn D, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiocloprid, Thiamethoxam, Trifloxystrobin

Micro: Aspergillus by Biomerieux Gene-Up

Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, Aspergillus terreus

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

Shiga toxin-producing E. coli

Micro: Salmonella by Biomerieux Gene-Up

Salmonella spp.

Micro: Total Yeast & Mold by Biomerieux Tempo

Yeast & Mold

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

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

CTND-NY-SOP-R-001, CTND-NY-SOP-R-002: Residual Solvents by GC-MS

1,2-Dichloroethane, Acetone, Acetonitrile, Benzene, Butane, Chloroform, Dimethyl sulfoxide, Ethanol, Ethyl acetate, Ethyl ether, Heptane, Hexane, Isopropyl alcohol, Methanol, Methylene chloride, Pentane, Propane, Toluene, Trichloroethane, o-Xylene, p- and m-Xylene

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

9R-Delta-10-THC, 9S-Delta-10-THC, CBC, CBD, CBDA, CBDV, CBG, CBN, Delta-10-THC, Delta-8-THC, Delta-9-THC, Delta-9-THCA, 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

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

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

Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo

Aerobic Bacteria

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

Water Activity

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

Moisture

Regulatory Compliance Testing



Certified Testing and Data
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Logan Alvarez
Lead Technical Director
May 19, 2026

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