CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Aug 12, 2025

Overall Result
PASS

High End Processing

Upstate Craft Cannabis Wax 1.0g Ghost Train Haze — Concentrate

SAMPLE INFORMATION

Sample ID: CTNY-250725-001
Sample Name: Upstate Craft Cannabis Wax 1.0g Ghost Train Haze
Matrix: Concentrated Cannabis
Product: Concentrate
Batch No.: UCC-2110-001
Batch Size: 200 g
Sample Size: 13 g
Cultivar(s): Ghost Train Haze
Date Collected: Jul 25, 2025
Time Collected: 16:13:48
Date Received: Jul 25, 2025
Category: Concentrated_cannabis
Compliance Type: Adult Use
Received By: Alex Eramo

CULTIVATOR

Jeff Luciano
License: OCM-PROC-24-000090
Address: 73 Railroad Ave
Spencer, NY 14883

MANUFACTURER

Jeff Luciano
License: OCM-PROC-24-000090
Address: 73 Railroad Ave
Spencer, NY 14883

CONTACT

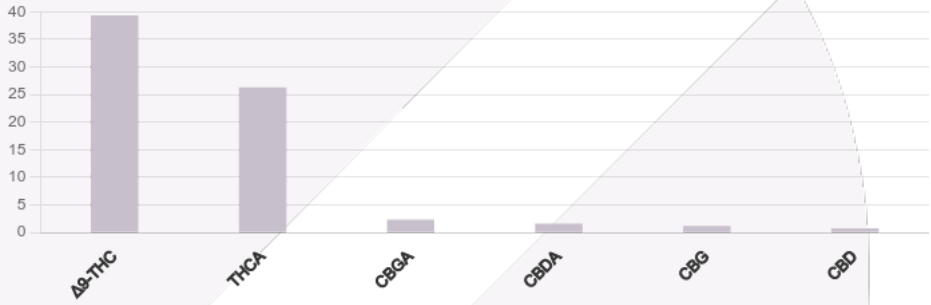
Jeff Luciano
Phone: (607) 589-7980
Address: 73 Railroad Ave
Spencer, NY 14883

Cannabinoids

TOTAL CANNABINOIDS: 67.8%

TOTAL THC: 62.4%

TOTAL CBD: 2.19%



Terpenes

TOTAL TERPENES: 3.94%

TOP 5 TERPENES		PROFILE
Terpinolene	1.3%	Pine
β-Caryophyllene	0.7%	Spicy
β-Myrcene	0.28%	Herbal
α-Pinene	0.24%	Pine
α-Bisabolol	0.21%	Floral

Cannabinoids	Heavy Metals	Microbials	Mycotoxins
TESTED	PASS	PASS	PASS

Pesticides	Residual Solvents	Terpenes
PASS	PASS	PASS

Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com

Larry Clement
Quality Assurance Officer
Aug 12, 2025

Logan Alvarez
Lead Technical Director
Aug 12, 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

Upstate Craft Cannabis Wax 1.0g Ghost Train Haze

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^{10}-THC	70	0.532	< LOQ	< LOQ		
9S-Δ^{10}-THC	70	0.532	< LOQ	< LOQ		
CBC	70	0.532	< LOQ	< LOQ		
CBD	70	0.532	0.774	7.74		
CBDA	70	0.532	1.62	16.2		
CBDV	70	0.532	< LOQ	< LOQ		
CBG	70	0.532	1.18	11.8		
Total THC			**62.4**	**624**		
Total CBD			**2.19**	**21.9**		

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA	70	0.532	2.34	23.4		
CBN	70	0.532	< LOQ	< LOQ		
Δ^8-THC	70	0.532	< LOQ	< LOQ		
Δ^9-THC	70	0.532	39.3	393		
Δ^{10}-THC			< LOQ	< LOQ		
THCA	70	0.532	26.3	263		
THCV	70	0.532	< LOQ	< LOQ		
Total THC			**62.4**	**624**		
Total CBD			**2.19**	**21.9**		

Prepared By: 38fef6
Analysis Date: Jul 28, 2025 16:29:00 EDT
Analyzed By: 38fef6
Prep Weight: 0.198 Grams
Reviewed By: 38fef6
Lab Batch #: NP250098

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	µg/g	µg/g	µg/g	
Antimony	2	0.082	2	< LOQ	Pass
Arsenic	2	0.082	0.2	< LOQ	Pass
Cadmium	2	0.082	0.2	< LOQ	Pass
Chromium	2	0.408	110	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Copper	2	0.408	30	< LOQ	Pass
Lead	2	0.082	0.5	< LOQ	Pass
Mercury	2	0.082	0.1	< LOQ	Pass
Nickel	2	0.408	2	< LOQ	Pass

Prepared By: dcab3b
Analysis Date: Jul 28, 2025 12:53:00 EDT
Analyzed By: dcab3b
Prep Weight: 0.4903 Grams
Reviewed By: dcab3b
Lab Batch #: NM250051

Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com

Larry Clement
Quality Assurance Officer
Aug 12, 2025

Logan Alvarez
Lead Technical Director
Aug 12, 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

Upstate Craft Cannabis Wax 1.0g Ghost Train Haze

Microbials

PASS

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	100	10000	< LOQ	Pass

Testing & Prep Method: Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo
Prepared By: 38fef6 **Reviewed By:** 38fef6 **Analyzed By:** 38fef6
Analysis Date: Jul 26, 2025 17:20:00 EDT **Lab Batch #:** NB250063

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: 38fef6 **Reviewed By:** k4gdmc **Analyzed By:** k4gdmc
Analysis Date: Jul 29, 2025 17:00:00 EDT **Lab Batch #:** NB250063

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: 38fef6 **Reviewed By:** k4gdmc **Analyzed By:** k4gdmc
Analysis Date: Jul 29, 2025 17:00:00 EDT **Lab Batch #:** NB250063

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: 38fef6 **Reviewed By:** k4gdmc **Analyzed By:** k4gdmc
Analysis Date: Jul 29, 2025 17:00:00 EDT **Lab Batch #:** NB250063

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Yeast & Mold	100	1000	< LOQ	Pass

Testing & Prep Method: Micro: Total Yeast & Mold by Biomerieux Tempo
Prepared By: k4gdmc **Reviewed By:** dcab3b **Analyzed By:** dcab3b
Analysis Date: Aug 01, 2025 14:20:00 EDT **Lab Batch #:** NB250064

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
	1:n	µg/g	µg/g	µg/g	
Aflatoxin B1	1	0.00959		< LOQ	N/A
Aflatoxin B2	1	0.00959		< LOQ	N/A
Aflatoxin G1	1	0.00959		< 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	0.00959		< LOQ	N/A
Ochratoxin A	1	0.00959	0.02	< LOQ	Pass
Aflatoxins			**0.02**	**< LOQ**	**Pass**

Prepared By: k4gdmc **Analyzed By:** k4gdmc **Reviewed By:** k4gdmc
Analysis Date: Jul 31, 2025 12:13:00 EDT **Prep Weight:** 1.0428 Grams **Lab Batch #:** NPM250060

Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com

Larry Clement
Quality Assurance Officer
Aug 12, 2025

Logan Alvarez
Lead Technical Director
Aug 12, 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

Upstate Craft Cannabis Wax 1.0g Ghost Train Haze

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	0.0959	0.5	< LOQ	Pass
Acephate	1	0.0959	0.4	< LOQ	Pass
Acequinocyl	1	0.0959	2	< LOQ	Pass
Acetamiprid	1	0.0959	0.2	< LOQ	Pass
Aldicarb	1	0.0959	0.4	< LOQ	Pass
Azadirachtin	1	0.0959	1	< LOQ	Pass
Azoxystrobin	1	0.0959	0.2	< LOQ	Pass
Bifenazate	1	0.0959	0.2	< LOQ	Pass
Bifenthrin	1	0.0959	0.2	< LOQ	Pass
Boscalid	1	0.0959	0.4	< LOQ	Pass
Captan	1	0.479	1	< LOQ	Pass
Carbaryl	1	0.0959	0.2	< LOQ	Pass
Carbofuran	1	0.0959	0.2	< LOQ	Pass
Chlorantranil-iprole	1	0.0959	0.2	< LOQ	Pass
Chlordane	1	0.384	1	< LOQ	Pass
Chlorfenapyr	1	0.0959	1	< LOQ	Pass
Chlormequat chloride	1	0.0959	1	< LOQ	Pass
Chlorpyrifos	1	0.0959	0.2	< LOQ	Pass
Clofentezine	1	0.0959	0.2	< LOQ	Pass
Coumaphos	1	0.0959	1	< LOQ	Pass
Cyfluthrin	1	0.0959	1	< LOQ	Pass
Cypermethrin	1	0.0959	1	< LOQ	Pass
Daminozide	1	0.0959	1	< LOQ	Pass
Diazinon	1	0.0959	0.2	< LOQ	Pass
Dichlorvos	1	0.0959	1	< LOQ	Pass
Dimethoate	1	0.0959	0.2	< LOQ	Pass
Dimethomorph	1	0.0959	1	< LOQ	Pass
Ethoprophos	1	0.0959	0.2	< LOQ	Pass
Etofenprox	1	0.0959	0.4	< LOQ	Pass
Etoxazole	1	0.0959	0.2	< LOQ	Pass
Fenhexamid	1	0.0959	1	< LOQ	Pass
Fenoxycarb	1	0.0959	0.2	< LOQ	Pass
Fenpyroximate	1	0.0959	0.4	< LOQ	Pass
Fipronil	1	0.0959	0.4	< LOQ	Pass
Flonicamid	1	0.0959	1	< LOQ	Pass
Fludioxonil	1	0.0959	0.4	< LOQ	Pass
Hexythiazox	1	0.0959	1	< LOQ	Pass
Imazalil	1	0.0959	0.2	< LOQ	Pass
Imidacloprid	1	0.0959	0.4	< LOQ	Pass
Indole-3-butyric acid	1	0.0959	1	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Kresoxim-methyl	1	0.0959	0.4	< LOQ	Pass
Malathion	1	0.0959	0.2	< LOQ	Pass
Metalaxyl	1	0.0959	0.2	< LOQ	Pass
Methiocarb	1	0.0959	0.2	< LOQ	Pass
Methomyl	1	0.0959	0.4	< LOQ	Pass
Methyl parathion	1	0.0959	0.2	< LOQ	Pass
Mevinphos	1	0.0959	1	< LOQ	Pass
MGK-264			0.2	< LOQ	Pass
MGK-264 I	1	0.0315		< LOQ	N/A
MGK-264 II	1	0.0619		< LOQ	N/A
Myclobutanil	1	0.0959	0.2	< LOQ	Pass
Naled	1	0.0959	0.5	< LOQ	Pass
Oxamyl	1	0.0959	1	< LOQ	Pass
Paclobutrazol	1	0.0959	0.4	< LOQ	Pass
Pentachloroni-trobenzene	1	0.0959	1	< LOQ	Pass
Permethrin			0.2	< LOQ	Pass
Permethrin cis	1	0.0441		< LOQ	N/A
Permethrin trans	1	0.0518		< LOQ	N/A
Phosmet	1	0.0959	0.2	< LOQ	Pass
Piperonylbuto-xide	1	0.0959	2	< LOQ	Pass
Prallethrin	1	0.0959	0.2	< LOQ	Pass
Propiconazole	1	0.0959	0.4	< LOQ	Pass
Propoxur	1	0.0959	0.2	< LOQ	Pass
Pyrethrins			1	< LOQ	Pass
Pyrethrins Cinerin I	1	0.00518		< LOQ	N/A
Pyrethrins Jasmolin I	1	0.00362		< LOQ	N/A
Pyrethrins Pyrethrin I	1	0.0510		< LOQ	N/A
Pyridaben	1	0.0959	0.2	< LOQ	Pass
Spinetoram	1	0.0959	1	< LOQ	Pass
Spinosad			0.2	< LOQ	Pass
Spinosad A	1	0.0773		< LOQ	N/A
Spinosad D	1	0.0167		< LOQ	N/A
Spiromesifen	1	0.0959	0.2	< LOQ	Pass
Spirotetramat	1	0.0959	0.2	< LOQ	Pass
Spiroxamine	1	0.0959	0.2	< LOQ	Pass
Tebuconazole	1	0.0959	0.4	< LOQ	Pass
Thiacloprid	1	0.0959	0.2	< LOQ	Pass
Thiamethoxam	1	0.0959	0.2	< LOQ	Pass
Trifloxystrob-in	1	0.0959	0.2	< LOQ	Pass

Prepared By: k4gdmc
Analysis Date: Jul 31, 2025 12:14:00 EDT, Jul 31, 2025 12:13:00 EDT

Analyzed By: k4gdmc
Prep Weight: 1.0428 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM250060

Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com

Larry Clement
Quality Assurance Officer
Aug 12, 2025

Logan Alvarez
Lead Technical Director
Aug 12, 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

Upstate Craft Cannabis Wax 1.0g Ghost Train Haze

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
	1:n	ppm	ppm	ppm	
1,1,1,2-Tetrafluoroethane	1	198.000	1000	< LOQ	Pass
1,1,1-Trichloroethane	1	79.200	1500	< LOQ	Pass
1,2-Dichloroethane	1	7.920	5	< LOQ	Pass
2,2-Dimethylbutane	1	15.800		< LOQ	N/A
2,3-Dimethylbutane	1	15.800		< LOQ	N/A
2-Methylbutane	1	26.400		< LOQ	N/A
2-Methylpentane	1	15.800		< LOQ	N/A
2-Methylpropane	1	39.600		< LOQ	N/A
2-Propanol	1	79.200	5000	< LOQ	Pass
3-Methylpentane	1	15.800		< LOQ	N/A
Acetone	1	79.200	5000	< LOQ	Pass
Acetonitrile	1	79.200	410	< LOQ	Pass
Benzene	1	0.792	2	< LOQ	Pass
Butane	1	39.600		< LOQ	N/A
Butanes			5000	< LOQ	Pass
Chloroform	1	0.792	60	< LOQ	Pass
Dichloromethane	1	79.200	600	< LOQ	Pass
Dimethyl sulfoxide	1	1580.000	5000	< LOQ	Pass
Ethanol	1	79.200	5000	484.550	Pass
Ethyl acetate	1	79.200	5000	< LOQ	Pass
Ethyl ether	1	79.200	5000	< LOQ	Pass
Heptane	1	79.200	5000	< LOQ	Pass
Hexane	1	15.800		< LOQ	N/A
Hexanes			290	< LOQ	Pass
Methanol	1	79.200	3000	< LOQ	Pass
Neopentane	1	26.400		< LOQ	N/A
o-Xylene	1	19.800		< LOQ	N/A
p- and m-Xylene	1	39.600		< LOQ	N/A
Pentane	1	26.400		< LOQ	N/A
Pentanes			5000	< LOQ	Pass
Propane	1	79.200	5000	< LOQ	Pass
Toluene	1	79.200	890	< LOQ	Pass
Total xylenes			2170	< LOQ	Pass
Trichloroethylene	1	79.200		< LOQ	N/A

Prepared By: 38fef6
Analysis Date: Jul 29, 2025 14:00:00 EDT
Analyzed By: 38fef6
Prep Weight: 0.1262 Grams
Reviewed By: 38fef6
Lab Batch #: NR250043

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	0.0207		0.2067	2.0670
α-Humulene	1	0.0207		0.1904	1.9040
α-Phellandrene	1	0.0207		0.2023	2.0230
α-Pinene	1	0.0207		0.2399	2.3990
α-Terpinene	1	0.0207		0.1412	1.4120
β-Caryophyllene	1	0.0207		0.6981	6.9810
β-Myrcene	1	0.0207		0.2805	2.8050
β-Pinene	1	0.0207		0.0669	0.6690
Camphene	1	0.0207		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0207		0.0411	0.4110
cis-β-Ocimene	1	0.0058		0.0124	0.1240
d-Limonene	1	0.0207		0.1327	1.3270
Δ^3-Carene	1	0.0207		< LOQ	< LOQ
Eucalyptol	1	0.0207		< LOQ	< LOQ
Fenchol	1	0.0207		0.0289	0.2890
γ-Terpinene	1	0.0207		0.0847	0.8470
Geraniol	1	0.0207		< LOQ	< LOQ
Guaiol	1	0.0207		0.0461	0.4610
Isopulegol	1	0.0207		< LOQ	< LOQ
Linalool	1	0.0207		0.0401	0.4010
p-Cymene	1	0.0207		0.0217	0.2170
Terpineol	1	0.0207		0.0497	0.4970
Terpinolene	5	0.1040		1.2960	12.9600
trans-β-Farnesene	1	0.0207		0.1004	1.0040
trans-β-Ocimene	1	0.0139		0.0642	0.6420
trans-Nerolidol	1	0.0207		< LOQ	< LOQ
Valencene	1	0.0207		< LOQ	< LOQ
Total Terpenes			**11.5**	**3.9440**	**39.4400**

Prepared By: dcab3b
Analysis Date: Jul 30, 2025 10:46:00 EDT
Analyzed By: dcab3b
Prep Weight: 0.1014 Grams
Reviewed By: dcab3b
Lab Batch #: NT250068

Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com

Larry Clement
Quality Assurance Officer
Aug 12, 2025

Logan Alvarez
Lead Technical Director
Aug 12, 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