



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing

This is a revised COA issued on Mar 26, 2026

Overall Result



PASS

Mark Turk Farms LLC

pg 1 of 6

White Truffle 7grams

Flower



SAMPLE INFORMATION

Sample ID: CTNY-260309-006
Sample Name: White Truffle 7grams
Matrix: Raw Plant Material - Final Form
Product: Flower
Batch No.: 0001
Test Pkg: 1A412030000193C0000000020
Batch Size: 3200 Units
Sample Size: 13 Units
Package Size: 7 g
Cultivar(s): White Truffle
Date Collected: Mar 11, 2026
Time Collected: 08:29:47
Date Received: Mar 11, 2026
Category: Raw Plant Material - Final Form
Compliance Type: Adult Use
Received By: Logan Emerson Alvarez

CULTIVATOR

Mark Turk Farms LLC
License: OCM-MICR-24-000007
Address: 610 Main Street
 Granville, New York 12832

MANUFACTURER

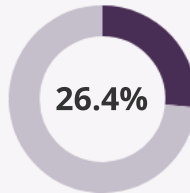
Mark Turk Farms LLC
License: OCM-MICR-24-000007
Address: 610 Main Street
 Granville, New York 12832

CONTACT

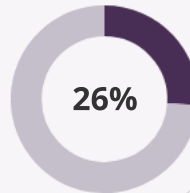
mark turk
Phone: (914) 382-6822
Address: 610 Main Street
 Granville, New York 12832

Cannabinoids

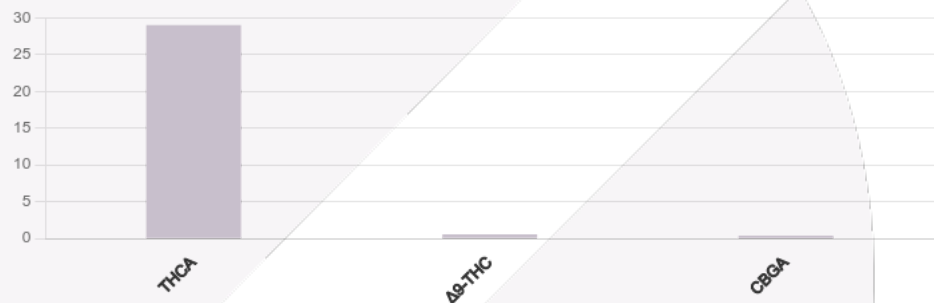
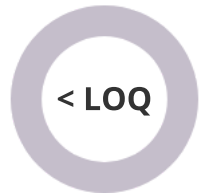
TOTAL CANNABINOIDS



TOTAL THC

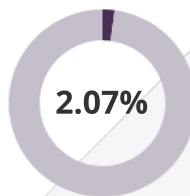


TOTAL CBD



Terpenes

TOTAL TERPENES



TOP 5 TERPENES

Terpene	Percentage	Profile
β-Caryophyllene	0.59%	Spicy
d-Limonene	0.58%	Citrus
α-Humulene	0.24%	Hops
β-Pinene	0.12%	Pine
Fenchol	0.1%	Herbal

PROFILE

Test	Result
Cannabinoids	TESTED
Foreign Matter	PASS
Heavy Metals	PASS
Microbials	PASS
Moisture Content	PASS
Mycotoxins	PASS
Pesticides	PASS
Terpenes	PASS
Water Activity	PASS



Certified Testing and Data
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Logan Alvarez

Lead Technical Director
 Mar 26, 2026



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Sample ID: CTNY-260309-006

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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 ¹⁰ -THC*	30	0.191	< LOQ	< LOQ	< LOQ	
9S-Δ ¹⁰ -THC*	30	0.191	< LOQ	< LOQ	< LOQ	
CBC	30	0.191	< LOQ	< LOQ	< LOQ	
CBD	30	0.191	< LOQ	< LOQ	< LOQ	
CBDA	30	0.191	< LOQ	< LOQ	< LOQ	
CBDV	30	0.191	< LOQ	< LOQ	< LOQ	
CBG	30	0.191	< LOQ	< LOQ	< LOQ	
Total THC			26.0	260	1820	
Total CBD			< LOQ	< LOQ	< LOQ	

* Beyond scope of accreditation

Prepared By: k4gdmc
Analysis Date: Mar 16, 2026 17:00:00 EDT

Analyzed By: k4gdmc
Prep Weight: 0.2327 Grams

Reviewed By: k4gdmc
Lab Batch #: NP260030

Foreign Matter

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

PASS

Analyte	Limit	Results	Status
Foreign Matter	2 %	ND	Pass
Foreign Matter, Stems*	7 %	ND	Pass

* Beyond scope of accreditation

Prepared By: No Employee ID
Analysis Date: Mar 11, 2026 16:52:00 EDT

Analyzed By: No Employee ID
Prep Weight: Grams

Reviewed By: No Employee ID
Lab Batch #: NF260010

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	0.080	2	< LOQ	Pass
Arsenic	2	0.080	0.2	0.091	Pass
Cadmium	2	0.080	0.2	< LOQ	Pass
Chromium	2	0.399	110	< LOQ	Pass

Prepared By: dcab3b
Analysis Date: Mar 16, 2026 15:44:00 EDT

Analyzed By: dcab3b
Prep Weight: 0.5008 Grams

Reviewed By: dcab3b
Lab Batch #: NM260026



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Logan Alvarez
Lead Technical Director
Mar 26, 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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Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aerobic Bacteria	CFU/g 100		CFU/g < LOQ	N/A	Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo
					Prepared By: No Employee ID Analysis Date: Mar 12, 2026 12:04:00 EDT
					Reviewed By: No Employee ID Lab Batch #: NB260026
					Analyzed By: No Employee ID
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aspergillus flavus	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Aspergillus by Biomerieux Gene-Up
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	
					Prepared By: k4gdmc Analysis Date: Mar 12, 2026 12:00:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB260025-NB260026
					Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Salmonella spp.	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Salmonella by Biomerieux Gene-Up
					Prepared By: k4gdmc Analysis Date: Mar 12, 2026 12:00:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB260025-NB260026
					Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Shiga toxin-producing E. coli	CFU/g 1.00	CFU/g Absent in any amt	CFU/g Absent	Pass	Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up
					Prepared By: k4gdmc Analysis Date: Mar 12, 2026 12:00:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB260025-NB260026
					Analyzed By: k4gdmc
Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Yeast & Mold	CFU/g 100		CFU/g < LOQ	N/A	Micro: Total Yeast & Mold by Biomerieux Tempo
					Prepared By: k4gdmc Analysis Date: Mar 14, 2026 14:00:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB260026
					Analyzed By: k4gdmc

Moisture Content

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

PASS

Analyte	Limit	Results	Status
Moisture	15 %	13.0 %	Pass
Prepared By: No Employee ID Analysis Date: Mar 12, 2026 08:56:00 EDT			
Analyzed By: No Employee ID Prep Weight: 1.0538 Grams			
Reviewed By: k4gdmc Lab Batch #: NS260024			

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
Aflatoxin B1	1:n	µg/g 0.0100	µg/g	µg/g < LOQ	N/A
Aflatoxin B2	1	0.0100		< LOQ	N/A
Aflatoxin G1	1	0.0100		< LOQ	N/A
Aflatoxins			0.02	< LOQ	Pass
Prepared By: k4gdmc Analysis Date: Mar 13, 2026 17:00:00 EDT					
Analyzed By: k4gdmc Prep Weight: 0.9984 Grams					
Reviewed By: k4gdmc Lab Batch #: NPM260025					

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Logan Alvarez
 Lead Technical Director
 Mar 26, 2026

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White Truffle 7grams

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	0.100	0.5	< LOQ	Pass
Acephate	1	0.100	0.4	< LOQ	Pass
Acequinocyl	1	0.100	2	< LOQ	Pass
Acetamiprid	1	0.100	0.2	< LOQ	Pass
Aldicarb	1	0.100	0.4	< LOQ	Pass
Azadirachtin	1	0.100	1	< LOQ	Pass
Azoxystrobin	1	0.100	0.2	< LOQ	Pass
Bifenazate	1	0.100	0.2	< LOQ	Pass
Bifenthrin	1	0.100	0.2	< LOQ	Pass
Boscalid	1	0.100	0.4	< LOQ	Pass
Captan	1	0.501	1	< LOQ	Pass
Carbaryl	1	0.100	0.2	< LOQ	Pass
Carbofuran	1	0.100	0.2	< LOQ	Pass
Chlorantraniliprole	1	0.100	0.2	< LOQ	Pass
Chlordane	1	0.401	1	< LOQ	Pass
Chlorfenapyr	1	0.100	1	< LOQ	Pass
Chloromequat chloride	1	0.100	1	< LOQ	Pass
Chlorpyrifos	1	0.100	0.2	< LOQ	Pass
Clofentezine	1	0.100	0.2	< LOQ	Pass
Coumaphos	1	0.100	1	< LOQ	Pass
Cyfluthrin	1	0.100	1	< LOQ	Pass
Cypermethrin	1	0.100	1	< LOQ	Pass
Daminozide	1	0.100	1	< LOQ	Pass
Diazinon	1	0.100	0.2	< LOQ	Pass
Dichlorvos	1	0.100	1	< LOQ	Pass
Dimethoate	1	0.100	0.2	< LOQ	Pass
Dimethomorph	1	0.100	1	< LOQ	Pass
Ethoprophos	1	0.100	0.2	< LOQ	Pass
Etofenprox	1	0.100	0.4	< LOQ	Pass
Etoxazole	1	0.100	0.2	< LOQ	Pass
Fenhexamid	1	0.100	1	< LOQ	Pass
Fenoxycarb	1	0.100	0.2	< LOQ	Pass
Fenpyroximate	1	0.100	0.4	< LOQ	Pass
Fipronil	1	0.100	0.4	< LOQ	Pass
Flonicamid	1	0.100	1	< LOQ	Pass
Fludioxonil	1	0.100	0.4	< LOQ	Pass
Hexythiazox	1	0.100	1	< LOQ	Pass
Imazalil	1	0.100	0.2	< LOQ	Pass
Imidacloprid	1	0.100	0.4	< LOQ	Pass
Indole-3-butyric acid	1	0.100	1	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Kresoxim-methyl	1	0.100	0.4	< LOQ	Pass
Malathion	1	0.100	0.2	< LOQ	Pass
Metaxalyl	1	0.100	0.2	< LOQ	Pass
Methiocarb	1	0.100	0.2	< LOQ	Pass
Methomyl	1	0.100	0.4	< LOQ	Pass
Methyl parathion	1	0.100	0.2	< LOQ	Pass
Mevinphos	1	0.100	1	< LOQ	Pass
MGK-264			0.2	< LOQ	Pass
MGK-264 I*	1	0.0330		< LOQ	N/A
MGK-264 II*	1	0.0647		< LOQ	N/A
Myclobutanil	1	0.100	0.2	< LOQ	Pass
Naled	1	0.100	0.5	< LOQ	Pass
Oxamyl	1	0.100	1	< LOQ	Pass
Paclobutrazol	1	0.100	0.4	< LOQ	Pass
Pentachloronitrobenzene	1	0.100	1	< LOQ	Pass
Permethrin			0.2	< LOQ	Pass
Permethrin cis*	1	0.0461		< LOQ	N/A
Permethrin trans*	1	0.0541		< LOQ	N/A
Phosmet	1	0.100	0.2	< LOQ	Pass
Piperonylbutoxide	1	0.100	2	< LOQ	Pass
Prallethrin	1	0.100	0.2	< LOQ	Pass
Propiconazole	1	0.100	0.4	< LOQ	Pass
Propoxur	1	0.100	0.2	< LOQ	Pass
Pyrethrins			1	< LOQ	Pass
Pyrethrins Cinerin I*	1	0.00541		< LOQ	N/A
Pyrethrins Jasmolin I*	1	0.00379		< LOQ	N/A
Pyrethrins Pyrethrin I*	1	0.0533		< LOQ	N/A
Pyridaben	1	0.100	0.2	< LOQ	Pass
Spinetoram	1	0.100	1	< LOQ	Pass
Spinosad*			0.2	< LOQ	Pass
Spinosad A*	1	0.0807		< LOQ	N/A
Spinosad D*	1	0.0174		< LOQ	N/A
Spiromesifen	1	0.100	0.2	< LOQ	Pass
Spirotetramat	1	0.100	0.2	< LOQ	Pass
Spiroxamine	1	0.100	0.2	< LOQ	Pass
Tebuconazole	1	0.100	0.4	< LOQ	Pass
Thiacloprid	1	0.100	0.2	< LOQ	Pass
Thiamethoxam	1	0.100	0.2	< LOQ	Pass
Trifloxystrobin	1	0.100	0.2	< LOQ	Pass

* Beyond scope of accreditation

Prepared By: k4gdmc
Analysis Date: Mar 13, 2026 17:00:00 EDT

Analyzed By: k4gdmc
Prep Weight: 0.9984 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM260025



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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		0.0649	0.6490
α-Humulene	1	0.0187		0.2379	2.3790
α-Phellandrene	1	0.0187	< LOQ	< LOQ	< LOQ
α-Pinene	1	0.0187		0.0946	0.9460
α-Terpinene	1	0.0187	< LOQ	< LOQ	< LOQ
β-Caryophyllene*	1	0.0187		0.5944	5.9440
β-Myrcene	1	0.0187		0.0412	0.4120
β-Pinene*	1	0.0187		0.1216	1.2160
Camphene	1	0.0187		0.0204	0.2040
Caryophyllene Oxide*	1	0.0187	< LOQ	< LOQ	< LOQ
cis-β-Ocimene*	1	0.0052	< LOQ	< LOQ	< LOQ
d-Limonene*	1	0.0187		0.5789	5.7890
Δ ³ -Carene	1	0.0187	< LOQ	< LOQ	< LOQ
Eucalyptol*	1	0.0187	< LOQ	< LOQ	< LOQ
Total Terpenes*			11.5	2.0880	20.8800

* Beyond scope of accreditation

Prepared By: k4gdmc
Analysis Date: Mar 16, 2026 20:00:00 EDT

Analyzed By: k4gdmc
Prep Weight: 0.1071 Grams

Reviewed By: k4gdmc
Lab Batch #: NT260026

Water Activity

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

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.40 Aw	Pass

Prepared By: k4gdmc
Analysis Date: Mar 12, 2026 15:00:00 EDT

Analyzed By: k4gdmc
Prep Weight: Grams

Reviewed By: k4gdmc
Lab Batch #: NW260018

Notes

Logan Emerson Alvarez COA revised to include METRC testing information.
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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, Fonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Indole-3-butyric acid, Kresoxim-methyl, MGK-264, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl parathion, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclbutrazol, 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, (-)-Guaiool, (-)-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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