

NanoCann Independent Research

Address: 399 Smith st Farmingdale, NY 11735

Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2510SMNY0769.3852



CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 11813.1

TTM - Flower - Blunt - 0.7g - Pushing Pluto

Lot #: TTM-B-PP-100825

Sample ID: 2510SMNY0769.3852 **Regulatory Category: Adult Use**

Received: 10/13/2025 Sampling Location: 399 Smith st

Farmingdale, NY 11735

Lot Size: 2000

Sample Type: Flower Amount Received: 20

Sample Collected: 10/10/2025 02:39 PM

Published: 10/20/2025



COMPLIANCE FOR RETAIL

Cannabinoid Profile

Pass

Terpenes Total

Pass

Residual Solvents

Not Tested

Pesticides

Pass

Mycotoxins

Pass

Water Activity

Pass

Trace Metals

Pass

Microbial Contaminants

Pass

Moisture Analysis

Pass

Filth & Foreign

Not Tested

Pass Sample Status

> 20.8% Total THC

<LOQ Total CBD

21.4 % Total Cannabinoids

Report Notes: N/A

Kristofer Marsh, Ph.D.

State Director

10/20/2025 (ris Marsh Smithers CTS New York LLC 49 John Hicks Drive Warwick, NY 10990 (845) 202-9737





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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Average Cannabinoid Profile

Pass

Sample Analysis

 Date:
 10/15/2025 03:42 PM
 SOP:
 NY.SOP.T.40.260

 Analyzed By:
 HPLC
 Sample Weight:
 N/A

Analyst: Dylan Kane

Analyte	LOQ (%)	Average % (w/w)	mg/serving
Total Tetrahydrocannabinol (THC)	-	20.82	145.8
Tetrahydrocannabinolic acid (THCA)	0.05477	18	126
Δ8-ΤΗС	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Δ9-ΤΗС	0.05477	5.035	35.25
Δ10-THC-RS	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Δ10-THC-RR	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total Cannabidiol (CBD)	-	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabidiolic acid (CBDA)	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabidiol (CBD)	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total Active Tetrahydrocannabivarin (THCV)	-	0.09656	0.6756
Tetrahydrocannabivarinic acid (THCVA)	0.05477	0.1101	0.7704
Δ9-THCV	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total Active Cannabigerol (CBG)	-	0.4435	3.104
Cannabigerolic acid (CBGA)	0.05477	0.3684	2.579
Cannabigerol (CBG)	0.05477	0.1204	0.8425
Cannabidivarin (CBDV)	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabinol (CBN)	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabichromene (CBC)	0.05477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>

Cannabinoid Totals	Average % (w/w)	mg/serving
Total Cannabinoids	21.36	149.5

Total THC = THCa*0.877 + Δ 9-THC Total CBD = CBDa*0.877 + CBD Total Cannabinoids = Sum of all analytes Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA); Total Active THC = (Δ 9THC + Δ 8THC + Δ 10THC-RS + Δ 10THC-RR) + (0.877 x THCA); Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 0.7 g

State Director

Kristofer Marsh, Ph.D.

10/20/2025 (ris Mars)







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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Terpene Total

Pass (1.455%)

Sample Analysis

Date: 10/15/2025 04:19 PM

SOP: NY.SOP.T.40.090

Sample Weight: 0.1941 g

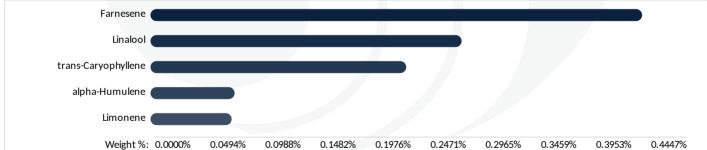
Analyzed By: GC-MS

Analyst: Destiny Ribadeneyra

Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	<loq< td=""></loq<>
alpha-Bisabolol	0.0005000	0.01910
alpha-Humulene	0.0005600	0.07610
alpha-Phellandrene	0.0006600	<loq< td=""></loq<>
alpha-Pinene	0.0004800	<loq< td=""></loq<>
alpha-Terpinene	0.0002600	<loq< td=""></loq<>
alpha-Terpineol	0.0003400	0.07130
beta-Myrcene	0.0006400	0.03200
beta-Pinene	0.0006600	0.007200
Borneol	0.0004600	0.01680
Camphene	0.0004400	<loq< td=""></loq<>
Camphor	0.0004000	<loq< td=""></loq<>
Caryophyllene oxide	0.0005800	<loq< td=""></loq<>
Cedrene	0.0004400	<loq< td=""></loq<>
Cedrol	0.0005600	<loq< td=""></loq<>
cis-Nerolidol	0.0006800	0.02440
cis-Ocimene	0.0005200	<loq< td=""></loq<>
Eucalyptol	0.0007200	<loq< td=""></loq<>
Farnesene	0.0008400	0.4447
Fenchone	0.0005000	<loq< td=""></loq<>

Analyte	LOQ (%)	Results (%)
gamma-Terpinene	0.0004400	<loq< td=""></loq<>
gamma-Terpineol	0.0003000	<loq< td=""></loq<>
Geraniol	0.0004800	0.008200
Geranyl acetate	0.0006200	<loq< td=""></loq<>
Guaiol	0.0006000	<loq< td=""></loq<>
Isoborneol	0.0003400	0.02360
Isopulegol	0.0006600	<loq< td=""></loq<>
Limonene	0.0007400	0.07340
Linalool	0.0004600	0.2814
Menthol	0.0004600	<loq< td=""></loq<>
Nerol	0.0005000	<loq< td=""></loq<>
Pulegone (+)	0.0005600	<loq< td=""></loq<>
Sabinene	0.0003400	0.007200
Sabinene Hydrate	0.0004200	<loq< td=""></loq<>
Terpinolene	0.0005000	<loq< td=""></loq<>
trans-b-Ocimene	0.0004200	<loq< td=""></loq<>
trans-Caryophyllene	0.0006600	0.2313
trans-Nerolidol	0.0007200	0.05670
Valencene	0.0005600	0.01970

Terpene Totals	%	Pass/Fail
Total Terpenes	1.455	PASS
Farnesene		
Linalpol		



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Trace Metals

Pass

Sample Analysis

Date: 10/16/2025 12:23 PM

SOP: NY.SOP.T.40.050

Analyzed By: ICP-MS

Sample Weight: 0.139 g

Analyst: Moni Kaneti

Analyte	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	Pass/Fail
Antimony (Sb)	0.00200	2.00	0.0230	PASS
Arsenic (As)	0.00200	0.200	0.0390	PASS
Cadmium (Cd)	0.00200	0.200	0.00800	PASS
Chromium (Cr)	0.00200	110	0.471	PASS
Copper (Cu)	0.00200	30.0	8.81	PASS
Lead (Pb)	0.00200	0.500	0.113	PASS
Mercury (Hg)	0.00200	0.100	0.00800	PASS
Nickel (Ni)	0.00200	5.00	0.378	PASS

Mycotoxin Analysis

Pass

Sample Analysis

Date: 10/16/2025 04:43 PM

SOP: NY.SOP.T.40.180

Analyzed By: LC-MS/MS

Sample Weight: 0.0964 g

Analyst: Destiny Ribadeneyra

Analyte	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	0	PASS
Aflatoxin B1	0.0010	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Aflatoxin B2	0.0020	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Aflatoxin G1	0.0010	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Aflatoxin G2	0.0020	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Ochratoxin A	0.0020	0.020	<loq< td=""><td>PASS</td></loq<>	PASS

Kristofer Marsh, Ph.D.

State Director

Ph.D. 10/20/2025







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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Pesticides LC

Pass

Sample Analysis

Date: 10/16/2025 10:34 AM

Analyzed By: LC-MS/MS

Analyst: Destiny Ribadeneyra

SOP: NY.SOP.T.040.270

Sample Weight: 0.9797 g

		Action Limit					Action Limit		
Analyte	LOQ (ppm)	(ppm)	Results (ppm)	Pass/Fail	Analyte	LOQ (ppm)	(ppm)	Results (ppm)	Pass/Fa
Abamectin	0.0180	0.500	<loq< td=""><td>PASS</td><td>Imidacloprid</td><td>0.00800</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Imidacloprid	0.00800	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Acephate	0.00700	0.400	<loq< td=""><td>PASS</td><td>Indole-3-butyric acid</td><td>0.00700</td><td>1.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Indole-3-butyric acid	0.00700	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Acequinocyl	0.0160	2.00	<loq< td=""><td>PASS</td><td>Kresoxim methyl</td><td>0.0120</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Kresoxim methyl	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Acetamiprid	0.00500	0.200	<loq< td=""><td>PASS</td><td>Malathion</td><td>0.0110</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Malathion	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Aldicarb	0.00500	0.400	<loq< td=""><td>PASS</td><td>Metalaxyl</td><td>0.0120</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Metalaxyl	0.0120	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Azadirachtin	0.0220	1.00	<loq< td=""><td>PASS</td><td>Methiocarb</td><td>0.00400</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Methiocarb	0.00400	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Azoxystrobin	0.00600	0.200	<loq< td=""><td>PASS</td><td>Methomyl</td><td>0.0120</td><td>0.400</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Methomyl	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Bifenazate	0.00600	0.200	<loq< td=""><td>PASS</td><td>Mevinphos</td><td>0.0190</td><td>1.00</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Mevinphos	0.0190	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Bifenthrin	0.00300	0.200	<loq< td=""><td>PASS</td><td>MGK-264</td><td>0.0110</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	MGK-264	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Boscalid	0.0110	0.400	<loq< td=""><td>PASS</td><td>Myclobutanil</td><td>0.0130</td><td>0.200</td><td><loq< td=""><td>PASS</td></loq<></td></loq<>	PASS	Myclobutanil	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Carbaryl	0.00600	0.200	<loq< td=""><td>PASS</td><td>Naled</td><td>0.00500</td><td>0.500</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Naled	0.00500	0.500	<loq< td=""><td>PAS</td></loq<>	PAS
Carbofuran	0.00500	0.200	<loq< td=""><td>PASS</td><td>Oxamyl</td><td>0.00800</td><td>1.00</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Oxamyl	0.00800	1.00	<loq< td=""><td>PAS</td></loq<>	PAS
hlorantraniliprole	0.00600	0.200	<loq< td=""><td>PASS</td><td>Paclobutrazol</td><td>0.0150</td><td>0.400</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Paclobutrazol	0.0150	0.400	<loq< td=""><td>PAS</td></loq<>	PAS
Chlormequat chloride	0.0190	1.00	<loq< td=""><td>PASS</td><td>Permethrins, Total</td><td>0.00900</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Permethrins, Total	0.00900	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
Chlorpyrifos	0.00900	0.200	<loq< td=""><td>PASS</td><td>Phosmet</td><td>0.00700</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Phosmet	0.00700	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
Clofentezine	0.0100	0.200	<loq< td=""><td>PASS</td><td>Piperonyl Butoxide</td><td>0.00600</td><td>2.00</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Piperonyl Butoxide	0.00600	2.00	<loq< td=""><td>PAS</td></loq<>	PAS
Daminozide	0.00400	1.00	<loq< td=""><td>PASS</td><td>Prallethrin</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Prallethrin	0.00800	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
Diazinon	0.00700	0.200	<loq< td=""><td>PASS</td><td>Propiconazole</td><td>0.00600</td><td>0.400</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Propiconazole	0.00600	0.400	<loq< td=""><td>PAS</td></loq<>	PAS
Dichlorvos	0.0120	1.00	<loq< td=""><td>PASS</td><td>Propoxur</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Propoxur	0.00800	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
Dimethoate	0.00600	0.200	<loq< td=""><td>PASS</td><td>Pyrethrins</td><td>0.0140</td><td>1.00</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Pyrethrins	0.0140	1.00	<loq< td=""><td>PAS</td></loq<>	PAS
Dimethomorph	0.00500	1.00	<loq< td=""><td>PASS</td><td>Pyridaben</td><td>0.00600</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Pyridaben	0.00600	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
thoprophos	0.0130	0.200	<loq< td=""><td>PASS</td><td>Spinetoram, Total</td><td>0.00500</td><td>1.00</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Spinetoram, Total	0.00500	1.00	<loq< td=""><td>PAS</td></loq<>	PAS
tofenprox	0.00300	0.400	<loq< td=""><td>PASS</td><td>Spinosad, Total</td><td>0.00600</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Spinosad, Total	0.00600	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
toxazole	0.00500	0.200	<loq< td=""><td>PASS</td><td>Spiromesifen</td><td>0.0130</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Spiromesifen	0.0130	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
enhexamid	0.0150	1.00	<loq< td=""><td>PASS</td><td>Spirotetramat</td><td>0.00600</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Spirotetramat	0.00600	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
enoxycarb	0.0110	0.200	<loq< td=""><td>PASS</td><td>Spiroxamine</td><td>0.00400</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Spiroxamine	0.00400	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
enpyroximate	0.00200	0.400	<loq< td=""><td>PASS</td><td>Tebuconazole</td><td>0.0120</td><td>0.400</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Tebuconazole	0.0120	0.400	<loq< td=""><td>PAS</td></loq<>	PAS
lonicamid	0.00700	1.00	<loq< td=""><td>PASS</td><td>Thiacloprid</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Thiacloprid	0.00800	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
Fludioxonil	0.0170	0.400	<loq< td=""><td>PASS</td><td>Thiamethoxam</td><td>0.00800</td><td>0.200</td><td><loq< td=""><td>PAS</td></loq<></td></loq<>	PASS	Thiamethoxam	0.00800	0.200	<loq< td=""><td>PAS</td></loq<>	PAS
Hexythiazox	0.00500	1.00	<loq< td=""><td>PASS</td><td></td><td></td><td></td><td></td><td></td></loq<>	PASS					

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10/20/2025 (ris Marsh







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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Pesticides GC

Pass

Sample Analysis

 Date:
 10/16/2025 05:14 PM
 SOP:
 NYS.SOP.T.040.271

 Analyzed By:
 GC-MS/MS
 Sample Weight:
 N/A

Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Captan	0.300	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Chlordane	0.0700	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Chlorfenapyr	0.100	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Coumaphos	0.190	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Cyfluthrin	0.110	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Cypermethrin	0.240	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Fipronil	0.170	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Imazalil	0.170	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Methyl parathion	0.0900	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Pentachloronitrobenzene	0.170	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Trifloxystrobin	0.110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS

Kristofer Marsh, Ph.D.

State Director

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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Microbial Impurities - MDG

Pass

Sample Analysis

Date: 10/16/2025 07:04 PM

SOP: NYS.SOP.T.40.273

Analyzed By: PCR **Analyst:** Kristy Lee

Analyte	Microbial Type	LOQ (CFU/g)	Allowable Limit	Results	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacterial	1	Not Detected	Not Detected	PASS
Salmonella species	Bacterial	1	Not Detected	Not Detected	PASS
Aspergillus flavus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus niger	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus terreus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus fumigatus	Fungal	1	Not Detected	Not Detected	PASS

Kristofer Marsh, Ph.D.

State Director

10/20/2025 ris Marsh







NanoCann Independent Research

Address: 399 Smith st Farmingdale, NY 11735

Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2510SMNY0769.3852



CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 10/17/2025 03:38 PM

SOP: NYS.SOP.T.040.200

Analyzed By: Plating

Analyst: Lindsey Vento

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	100	N/A	230000	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 10/20/2025 04:56 PM

SOP: NYS.SOP.T.040.200

Analyzed By: Plating **Analyst:** Lindsey Vento

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	100	N/A	190000	PASS

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Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2510SMNY0769.3852



CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Moisture Content

Pass

Sample Analysis

Date: 10/14/2025 10:47 AM

SOP: NY.SOP.T.040.220

Analyzed By: Moisture Balance

Analyst: Dylan Kane

Analyte	LOQ (%)	Action Limit (%)	Results (%)	Pass/Fail
Moisture Content	0.0	<15.0%	9.1	PASS

Water Activity

Pass

Sample Analysis

Date: 10/17/2025 04:18 PM

SOP: NY.SOP.T.040.210

Analyzed By: Water Activity Meter

Analyst: Dylan Kane

Analyte	LOQ (Aw)	Action Limit (Aw)	Results (Aw)	Pass/Fail
Water Activity	0.25	0.65	0.39	PASS

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10/20/2025 ris Marsh



