

#### NanoCann Independent Research LLC

Address: 399 Smith st Farmingdale, NY 11735

Contact Name: Contact Phone:

License #: OCM-PROC-24-000176 Sample ID: 2510SMNY0769.3855 SMITHERS

#### **CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

# TTM - Flower - Blunt - 0.7g - Blue Moon Dream

**Lot #:** TTM-B-BMD-100825 **Sample ID:** 2510SMNY0769.3855

Regulatory Category: Adult Use Received: 10/13/2025

Sampling Location: None

Lot Size: 2000

Sample Type: Flower Amount Received: 20

Sample Collected: 10/10/2025 02:49 PM

Published: 10/17/2025



## **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** 

Report Notes: Amended: Moisture correction applied.

Pass Sample Status

> 20.9% Total THC

<LOQ Total CBD

21.5 % Total Cannabinoids

Kristofer Marsh. Ph.D.

State Director

10/17/2025 (ris Marsh







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# **Average Cannabinoid Profile**

**Pass** 

#### **Sample Analysis**

**Date:** 10/17/2025 09:08 AM

**SOP:** NY.SOP.T.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Dylan Kane

LOQ (%)	Average % (w/w)	mg/serving
-	20.95	146.6
0.05222	18.42	128.9
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
0.05222	4.798	33.58
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
- /	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
-	0.09173	0.6423
0.05222	0.1046	0.7324
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
-	0.4424	3.096
0.05222	0.3676	2.573
0.05222	0.12	0.8399
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
0.05222	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
	- 0.05222 0.05222 0.05222 0.05222 - 0.05222 0.05222 - 0.05222 - 0.05222 0.05222 0.05222 0.05222 0.05222 0.05222	- 20.95  0.05222 18.42  0.05222 < LOQ  0.05222 4.798  0.05222 < LOQ  0.05222 < LOQ  - < LOQ  0.05222 < LOQ  0.05222 < LOQ  0.05222 < LOQ  - 0.09173  0.05222

Cannabinoid Totals	Average % (w/w)	mg/serving
Total Cannabinoids	21.49	150.4

Total THC = THCa\*0.877 +  $\Delta$ 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 = ( $\Delta$ 9THC +  $\Delta$ 8THC +  $\Delta$ 10THC-RS +  $\Delta$ 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.

10/17/2025 (ris Mars)







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#### **CERTIFICATE OF ANALYSIS**

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## **Terpene Total**

Pass (1.530%)

#### **Sample Analysis**

Date: 10/17/2025 09:08 AM **SOP:** NY.SOP.T.40.090 Sample Weight: 0.2189 g Analyzed By: GC-MS

Analyst: Destiny Ribadeneyra

Analyte	LOQ (%)	Results (%)
gamma-Terpinene	0.0004400	<loq< td=""></loq<>
gamma-Terpineol	0.0003000	<loq< td=""></loq<>
Geraniol	0.0004800	0.007200
Geranyl acetate	0.0006200	<loq< td=""></loq<>
Guaiol	0.0006000	0.007900
Isoborneol	0.0003400	0.02380
Isopulegol	0.0006600	<loq< td=""></loq<>
Limonene	0.0007400	0.08360
Linalool	0.0004600	0.2894
Menthol	0.0004600	<loq< td=""></loq<>
Nerol	0.0005000	<loq< td=""></loq<>
Pulegone (+)	0.0005600	<loq< td=""></loq<>
Sabinene	0.0003400	0.009100
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	0.2301
trans-Nerolidol	0.0007200	0.05970
Valencene	0.0005600	0.02000

Analyte	LOQ (%)	Results (%)	Analyte	
3-Carene	0.0004200	<loq< td=""><td>gamma-Terpinene</td><td></td></loq<>	gamma-Terpinene	
alpha-Bisabolol	0.0005000	0.02520	gamma-Terpineol	
alpha-Humulene	0.0005600	0.07340	Geraniol	
alpha-Phellandrene	0.0006600	<loq< td=""><td>Geranyl acetate</td><td></td></loq<>	Geranyl acetate	
alpha-Pinene	0.0004800	0.004400	Guaiol	
alpha-Terpinene	0.0002600	<loq< td=""><td>Isoborneol</td><td></td></loq<>	Isoborneol	
alpha-Terpineol	0.0003400	0.07090	Isopulegol	
beta-Myrcene	0.0006400	0.04310	Limonene	
beta-Pinene	0.0006600	0.009100	Linalool	
Borneol	0.0004600	0.01700	Menthol	
Camphene	0.0004400	<loq< td=""><td>Nerol</td><td></td></loq<>	Nerol	
Camphor	0.0004000	<loq< td=""><td>Pulegone (+)</td><td></td></loq<>	Pulegone (+)	
Caryophyllene oxide	0.0005800	0.01420	Sabinene	
Cedrene	0.0004400	<loq< td=""><td>Sabinene Hydrate</td><td></td></loq<>	Sabinene Hydrate	
Cedrol	0.0005600	<loq< td=""><td>Terpinolene</td><td></td></loq<>	Terpinolene	
cis-Nerolidol	0.0006800	0.02490	trans-b-Ocimene	
cis-Ocimene	0.0005200	<loq< td=""><td>trans-Caryophyllene</td><td></td></loq<>	trans-Caryophyllene	
Eucalyptol	0.0007200	<loq< td=""><td>trans-Nerolidol</td><td></td></loq<>	trans-Nerolidol	
Farnesene	0.0008400	0.4554	Valencene	
Fenchone	0.0005000	<loq< td=""><td></td><td></td></loq<>		

Terpene Totals	%	Pass/Fail
Total Terpenes	1.530	PASS
Farnesene		
Linalool		
trans-Caryophyllene		
Limonene		
alpha-Humulene		

0.1518%

Kristofer Marsh, Ph.D.

State Director

10/17/202

0.0506%

0.1012%

Weight %: 0.0000%

**Smithers CTS New York LLC** 49 John Hicks Drive Warwick, NY 10990 (845) 202-9737

0.2024%

0.2530%

0.3036%



0.3542%



0.4554%

0.4048%

This is a Smithers CTS New York LLC certification that relates only to the material tested and shall not be reproduced, unless in its entirety, without written approval from Smithers CTS New York LLC. Test results are confidential, unless explici waived. All Pass/Fail results please reference state regulations released on OIFEB2024. Pass/Fail results do not use uncertainty, but is available upon request. The product represented has been tested by Smithers CTS New York LLC using validated scientific methodologies. Note action levels are state determined thresholds for human safety and consumption. Acronym Definitions: ND - Not Detected, LOQ - Limit of Quantification, ULOQ - Upper Limit of Quantification; are terms used to describe the reliably measured smallest and largest concentrations. 4QQ\* denotes the result is above detection limit, but below quantifiable limit. CFU - Colony Forming Units. Cannable Product Sampling SOP# 20.010.



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#### **Trace Metals**

**Pass** 

#### **Sample Analysis**

Date: 10/17/2025 09:08 AM

Analyzed By: ICP-MS

Analyst: Moni Kaneti

**SOP:** NY.SOP.T.40.050

Sample Weight: 0.1309 g

Analyte	LOQ (μg/g)	Action Limit (μg/g)	Results (μg/g)	Pass/Fail
Antimony (Sb)	0.00200	2.00	0.0180	PASS
Arsenic (As)	0.00200	0.200	0.0340	PASS
Cadmium (Cd)	0.00200	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Chromium (Cr)	0.00200	110	0.352	PASS
Copper (Cu)	0.00200	30.0	9.12	PASS
Lead (Pb)	0.00200	0.500	0.0780	PASS
Mercury (Hg)	0.00200	0.100	0.00500	PASS
Nickel (Ni)	0.00200	5.00	0.234	PASS

# **Mycotoxin Analysis**

**Pass** 

#### **Sample Analysis**

Date: 10/17/2025 09:08 AM

Analyzed By: LC-MS/MS

Analyst: Destiny Ribadeneyra

**SOP:** NY.SOP.T.40.180

Sample Weight: 0.0961 g

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< th=""><th>PASS</th></loq<>	PASS
Aflatoxin B2	0.0020	0.020	<loq< th=""><th>PASS</th></loq<>	PASS
Aflatoxin G1	0.0010	0.020	<loq< th=""><th>PASS</th></loq<>	PASS
Aflatoxin G2	0.0020	0.020	<loq< td=""><td>PASS</td></loq<>	PASS
Ochratoxin A	0.0020	0.020	<loq< th=""><th>PASS</th></loq<>	PASS

Kristofer Marsh, Ph.D.

10/17/202 State Director







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## **Pesticides LC**

**Pass** 

#### **Sample Analysis**

Date: 10/17/2025 09:08 AM

Analyzed By: LC-MS/MS

**SOP:** NY.SOP.T.040.270 Sample Weight: 1.018 g

Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Abamectin	0.0180	0.500	<loq< td=""><td>PASS</td></loq<>	PASS
Acephate	0.00700	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Acequinocyl	0.0160	2.00	<loq< td=""><td>PASS</td></loq<>	PASS
Acetamiprid	0.00500	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Aldicarb	0.00500	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Azadirachtin	0.0220	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Azoxystrobin	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Bifenazate	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Bifenthrin	0.00300	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Boscalid	0.0110	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Carbaryl	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Carbofuran	0.00500	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Chlorantraniliprole	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Chlormequat chloride	0.0190	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Chlorpyrifos	0.00900	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Clofentezine	0.0100	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Daminozide	0.00400	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Diazinon	0.00700	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Dichlorvos	0.0120	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Dimethoate	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Dimethomorph	0.00500	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Ethoprophos	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Etofenprox	0.00300	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Etoxazole	0.00500	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Fenhexamid	0.0150	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Fenoxycarb	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Fenpyroximate	0.00200	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Flonicamid	0.00700	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Fludioxonil	0.0170	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Hexythiazox	0.00500	1.00	<loq< td=""><td>PASS</td></loq<>	PASS

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Imidacloprid	0.00800	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Indole-3-butyric acid	0.00700	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Kresoxim methyl	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Malathion	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Metalaxyl	0.0120	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Methiocarb	0.00400	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Methomyl	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Mevinphos	0.0190	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
MGK-264	0.0110	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Myclobutanil	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Naled	0.00500	0.500	<loq< td=""><td>PASS</td></loq<>	PASS
Oxamyl	0.00800	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Paclobutrazol	0.0150	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Permethrins, Total	0.00900	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Phosmet	0.00700	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Piperonyl Butoxide	0.00600	2.00	<loq< td=""><td>PASS</td></loq<>	PASS
Prallethrin	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Propiconazole	0.00600	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Propoxur	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Pyrethrins	0.0140	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Pyridaben	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Spinetoram, Total	0.00500	1.00	<loq< td=""><td>PASS</td></loq<>	PASS
Spinosad, Total	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Spiromesifen	0.0130	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Spirotetramat	0.00600	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Spiroxamine	0.00400	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Tebuconazole	0.0120	0.400	<loq< td=""><td>PASS</td></loq<>	PASS
Thiacloprid	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS
Thiamethoxam	0.00800	0.200	<loq< td=""><td>PASS</td></loq<>	PASS

Kristofer Marsh, Ph.D.

State Director

10/17/202







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## **Pesticides GC**

**Pass** 

#### **Sample Analysis**

 Date:
 10/17/2025 09:08 AM
 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

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# **Microbial Impurities - MDG**

**Pass** 

#### **Sample Analysis**

Date: 10/17/2025 09:08 AM

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

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# **Microbial Impurities - TAPC**

**Pass** 

#### Sample Analysis

Date: 10/17/2025 09:08 AM

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	170000	PASS

# **Microbial Impurities - TYMC**

**Pass** 

#### **Sample Analysis**

Date: 10/17/2025 09:08 AM

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	13000	PASS

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10/17/2025 ris Marsh







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#### **CERTIFICATE OF ANALYSIS**

**SOP:** NY.SOP.T.040.220

Permit #: OCM-CPL-00004

#### **Moisture Content**

**Pass** 

#### **Sample Analysis**

Date: 10/17/2025 09:08 AM

Analyzed By: Moisture Balance

Analyst: Dylan Kane

Analyte	LOQ (%)	Action Limit (%)	Results (%)	Pass/Fail
Moisture Content	0.0	<15.0%	7.9	PASS

# **Water Activity**

**Pass** 

#### **Sample Analysis**

**Date:** 10/17/2025 04:18 PM **S**6

**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	0.41	PASS

Kristofer Marsh, Ph.D.

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10/17/2025 ris Marsh



