



NG Growers Inc. dba Nanticoke Gardens; Nanticoke Hemp Inc.  
 Address: 415 Airport Rd  
 Endicott, NY 13760  
 Contact Name:  
 Contact Phone:  
 License #: OCM-PROC-24-000002-P1  
 Sample ID: 2603SMNY0228.0944  
 Metrc Tag: 1A4120300000321000000961



**SMITHERS**

**CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 14879.1

**NANTI NITRO Cosmic Clusterz .5g Gram 510 Thread Cart**

Metrc Package ID: 1A4120300000321000000961  
 Metrc Sample ID 1A4120300000321000001022  
 Lot #: 002-NNC-CC1  
 Sample ID: 2603SMNY0228.0944  
 Regulatory Category: Adult Use  
 Sampling Location: 415 Airport Rd Endicott, NY 13760

Sample Type: Concentrate  
 Sample Collected: 03/03/2026 12:41 PM  
 Lot Size: 2000  
 Amount Received: 3  
 Received: 03/03/2026  
 Published: 03/10/2026



**COMPLIANCE FOR RETAIL**

<b>Cannabinoid Profile</b> <b>Pass</b>	<b>Terpenes Total</b> <b>Pass</b>	<b>Residual Solvents</b> <b>Pass</b>	<b>Pass</b> Sample Status	
<b>Pesticides</b> <b>Pass</b>	<b>Mycotoxins</b> <b>Pass</b>	<b>Water Activity</b> <b>Not Tested</b>		<b>86.934%</b> Total THC
<b>Trace Metals</b> <b>Pass</b>	<b>Microbial Contaminants</b> <b>Pass</b>	<b>Moisture Analysis</b> <b>Not Tested</b>		<b>0.82797%</b> Total CBD
	<b>Filth &amp; Foreign</b> <b>Not Tested</b>		<b>92.982 %</b> Total Cannabinoids	

**Report Notes:** Bulk testing performed on parent lot 002-NNC-CC1.

**Weston Owen**     03/10/2026  
 Laboratory Manager

*Weston Owen*

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



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**Average Cannabinoid Profile**

**Pass**

**Sample Analysis**

**Date:** 03/10/2026 12:34 PM

**SOP:** NY.SOPT.40.260

**Analyzed By:** HPLC

**Sample Weight:** N/A

**Analyst:** Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving
Total Tetrahydrocannabinol (THC)	-	86.934	434.67
Tetrahydrocannabinolic acid (THCA)	0.10459	<LOQ	<LOQ
Δ8-THC	0.10459	<LOQ	<LOQ
Δ9-THC	0.10459	86.934	434.67
Δ10-THC-RS	0.10459	<LOQ	<LOQ
Δ10-THC-RR	0.10459	<LOQ	<LOQ
Total Cannabidiol (CBD)	-	0.82797	4.1399
Cannabidiolic acid (CBDA)	0.10459	<LOQ	<LOQ
Cannabidiol (CBD)	0.10459	0.82797	4.1399
Total Active Tetrahydrocannabivarin (THCV)	-	0.59598	2.9799
Tetrahydrocannabivarinic acid (THCVA)	0.10459	<LOQ	<LOQ
Δ9-THCV	0.10459	0.59598	2.9799
Total Active Cannabigerol (CBG)	-	3.3451	16.726
Cannabigerolic acid (CBGA)	0.10459	<LOQ	<LOQ
Cannabigerol (CBG)	0.10459	3.3451	16.726
Cannabidivarin (CBDV)	0.10459	<LOQ	<LOQ
Cannabinol (CBN)	0.10459	0.79721	3.9861
Cannabichromene (CBC)	0.10459	0.48176	2.4088

Cannabinoid Totals	Average % (w/w)	mg/serving
Total Cannabinoids	92.982	464.91

Total THC = THCa\*0.877 + Δ9-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 = (Δ9THC + Δ8THC + Δ10THC-RS + Δ10THC-RR) + (0.877 x THCA);  
 Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 0.5 g; Servings/Package: 25

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Permit #: OCM-CPL-00004

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**Terpene Total**

**Pass (0.6932%)**

**Sample Analysis**

Date: 03/07/2026 03:50 PM

SOP: NY.SOPT.40.090

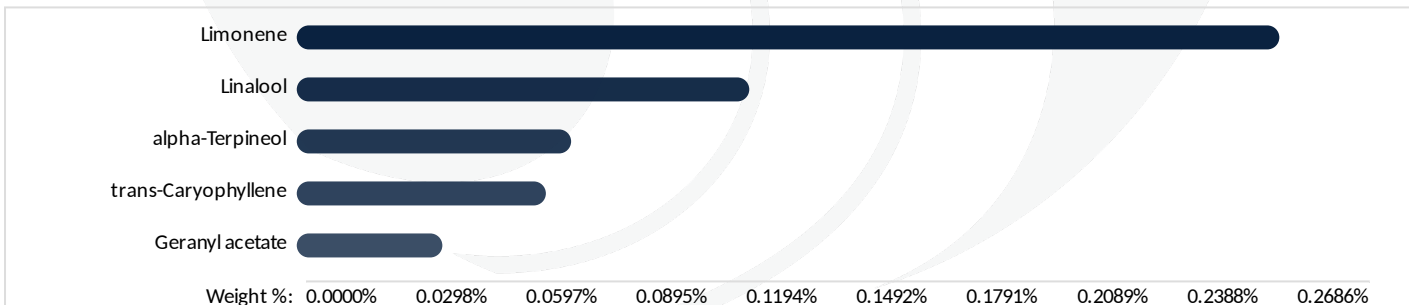
Sample Weight: 0.2438 g

Analyzed By: GC-MS

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	<LOQ	Fenchol	0.0004000	<LOQ
alpha-Bisabolol	0.0005000	0.03690	gamma-Terpinene	0.0004400	<LOQ
alpha-Humulene	0.0005600	0.003700	gamma-Terpineol	0.0003000	<LOQ
alpha-Phellandrene	0.0006600	<LOQ	Geraniol	0.0004800	0.004800
alpha-Pinene	0.0004800	<LOQ	Geranyl acetate	0.0006200	0.03980
alpha-Terpinene	0.0002600	<LOQ	Guaiol	0.0006000	0.003900
alpha-Terpineol	0.0003400	0.07500	Isoborneol	0.0003400	<LOQ
beta-Myrcene	0.0006400	0.005500	Isopulegol	0.0006600	<LOQ
beta-Pinene	0.0006600	<LOQ	Limonene	0.0007400	0.2686
Borneol	0.0004600	<LOQ	Linalool	0.0004600	0.1237
Camphene	0.0004400	0.003800	Menthol	0.0004600	<LOQ
Camphor	0.0004000	<LOQ	Nerol	0.0005000	<LOQ
Caryophyllene oxide	0.0005800	0.01220	Pulegone (+)	0.0005600	<LOQ
Cedrene	0.0004400	<LOQ	Sabinene	0.0003400	<LOQ
Cedrol	0.0005600	<LOQ	Sabinene Hydrate	0.0004200	<LOQ
cis-Nerolidol	0.0006800	0.009900	Terpinolene	0.0005000	0.01320
cis-Ocimene	0.0005200	<LOQ	trans-b-Ocimene	0.0004200	<LOQ
Eucalyptol	0.0007200	<LOQ	trans-Caryophyllene	0.0006600	0.06810
Farnesene	0.0008400	0.01320	trans-Nerolidol	0.0007200	0.01090
Fenchone	0.0005000	<LOQ	Valencene	0.0005600	<LOQ

Terpene Totals	%	Pass/Fail
Total Terpenes	0.6932	PASS



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**Residual Solvents**

**Pass**

**Sample Analysis**

Date: 03/07/2026 03:52 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.0937 g

Analyst: Stephanie Knapp

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)	0.100	5.00	<LOQ	PASS
2-Propanol (Isopropanol, Isopropyl alcohol)	125	5000	<LOQ	PASS
Acetone (2-Propanone)	125	5000	<LOQ	PASS
Acetonitrile	23.6	410	<LOQ	PASS
Benzene	0.100	2.00	<LOQ	PASS
Butanes, Total	62.5	5000	<LOQ	PASS
Chloroform	1.50	60.0	<LOQ	PASS
Dichloromethane (Methylene chloride)	15.0	600	<LOQ	PASS
Dimethyl sulfoxide (DMSO)	125	5000	<LOQ	PASS
Ethanol (Ethyl alcohol)	125	5000	<LOQ	PASS
Ethyl acetate (Acetic acid ethyl ester)	125	5000	<LOQ	PASS
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)	125	5000	<LOQ	PASS
Heptane (n-Heptane)	125	5000	<LOQ	PASS
Hexanes, Total	14.5	290	<LOQ	PASS
Methanol (Methyl alcohol)	75.1	3000	<LOQ	PASS
Pentanes, Total	195	5000	<LOQ	PASS
Propane	63.0	5000	<LOQ	PASS
Toluene (Methylbenzene)	22.3	890	<LOQ	PASS
Trichloroethane (1,1,1-)	37.6	1500	<LOQ	PASS
Tetrafluoroethane (1,1,1,2-) (HFC134a)*	10.0	1000	<LOQ	PASS
Xylenes, Total (ortho-, meta-, para-)	109	2170	<LOQ	PASS

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**Trace Metals**

**Pass**

**Sample Analysis**

Date: 03/07/2026 03:31 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1257 g

Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)	0.200	2.00	<LOQ	PASS
Arsenic (As)	0.200	0.200	<LOQ	PASS
Cadmium (Cd)	0.200	0.200	<LOQ	PASS
Chromium (Cr)	0.200	110	<LOQ	PASS
Copper (Cu)	0.200	30.0	<LOQ	PASS
Lead (Pb)	0.200	0.500	<LOQ	PASS
Mercury (Hg)	0.0400	0.100	<LOQ	PASS
Nickel (Ni)	0.200	2.00	<LOQ	PASS

**Mycotoxin Analysis**

**Pass**

**Sample Analysis**

Date: 03/06/2026 11:53 AM

SOP: NY.SOPT.40.180

Analyzed By: LC-MS/MS

Sample Weight: 0.1023 g

Analyst: Destiny Ribadeneyra

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	<LOQ	PASS
Aflatoxin B1	0.0050	0.020	<LOQ	PASS
Aflatoxin B2	0.0050	0.020	<LOQ	PASS
Aflatoxin G1	0.0050	0.020	<LOQ	PASS
Aflatoxin G2	0.0050	0.020	<LOQ	PASS
Ochratoxin A	0.0050	0.020	<LOQ	PASS

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**Pesticides LC**  
**Pass**

**Sample Analysis**

**Date:** 03/06/2026 11:27 AM  
**Analyzed By:** LC-MS/MS  
**Analyst:** Destiny Ribadeneyra

**SOP:** NY.SOPT.040.270  
**Sample Weight:** 1.0126 g

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail	Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Abamectin	0.0960	0.500	<LOQ	PASS	Imidacloprid	0.0990	0.400	<LOQ	PASS
Acephate	0.0990	0.400	<LOQ	PASS	Indole-3-butyric acid	0.0990	1.00	<LOQ	PASS
Acequinocyl	0.0990	2.00	<LOQ	PASS	Kresoxim methyl	0.0990	0.400	<LOQ	PASS
Acetamiprid	0.0990	0.200	<LOQ	PASS	Malathion	0.0990	0.200	<LOQ	PASS
Aldicarb	0.0990	0.400	<LOQ	PASS	Metalaxyl	0.0990	0.200	<LOQ	PASS
Azadirachtin	0.0990	1.00	<LOQ	PASS	Methiocarb	0.0990	0.200	<LOQ	PASS
Azoxystrobin	0.0990	0.200	<LOQ	PASS	Methomyl	0.0990	0.400	<LOQ	PASS
Bifenazate	0.0990	0.200	<LOQ	PASS	Mevinphos	0.0830	1.00	<LOQ	PASS
Bifenthrin	0.0990	0.200	<LOQ	PASS	MGK-264	0.0790	0.200	<LOQ	PASS
Boscalid	0.0990	0.400	<LOQ	PASS	Myclobutanil	0.0990	0.200	<LOQ	PASS
Carbaryl	0.0990	0.200	<LOQ	PASS	Naled	0.0990	0.500	<LOQ	PASS
Carbofuran	0.0990	0.200	<LOQ	PASS	Oxamyl	0.0990	1.00	<LOQ	PASS
Chlorantraniliprole	0.0990	0.200	<LOQ	PASS	Paclobutrazol	0.0990	0.400	<LOQ	PASS
Chloromequat chloride	0.0990	1.00	<LOQ	PASS	Permethrins, Total	0.0990	0.200	<LOQ	PASS
Chlorpyrifos	0.0990	0.200	<LOQ	PASS	Phosmet	0.0990	0.200	<LOQ	PASS
Clofentezine	0.0990	0.200	<LOQ	PASS	Piperonyl Butoxide	0.0990	2.00	<LOQ	PASS
Daminozide	0.0990	1.00	<LOQ	PASS	Prallethrin	0.0990	0.200	<LOQ	PASS
Diazinon	0.0990	0.200	<LOQ	PASS	Propiconazole	0.0990	0.400	<LOQ	PASS
Dichlorvos	0.0990	1.00	<LOQ	PASS	Propoxur	0.0990	0.200	<LOQ	PASS
Dimethoate	0.0990	0.200	<LOQ	PASS	Pyrethrins	0.0990	1.00	<LOQ	PASS
Dimethomorph	0.0610	1.00	<LOQ	PASS	Pyridaben	0.0990	0.200	<LOQ	PASS
Ethoprophos	0.0990	0.200	<LOQ	PASS	Spinetoram, Total	0.0740	1.00	<LOQ	PASS
Etofenprox	0.0990	0.400	<LOQ	PASS	Spinosad, Total	0.0740	0.200	<LOQ	PASS
Etoxazole	0.0990	0.200	<LOQ	PASS	Spiromesifen	0.0990	0.200	<LOQ	PASS
Fenhexamid	0.0990	1.00	<LOQ	PASS	Spirotetramat	0.0990	0.200	<LOQ	PASS
Fenoxycarb	0.0990	0.200	<LOQ	PASS	Spiroxamine	0.0990	0.200	<LOQ	PASS
Fenpyroximate	0.0990	0.400	<LOQ	PASS	Tebuconazole	0.0990	0.400	<LOQ	PASS
Flonicamid	0.0990	1.00	<LOQ	PASS	Thiacloprid	0.0990	0.200	<LOQ	PASS
Fludioxonil	0.0990	0.400	<LOQ	PASS	Thiamethoxam	0.0990	0.200	<LOQ	PASS
Hexythiazox	0.0990	1.00	<LOQ	PASS					

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**Pesticides GC**

**Pass**

**Sample Analysis**

**Date:** 03/10/2026 02:02 PM

**SOP:** NYS.SOPT.040.271

**Analyzed By:** GC-MS/MS

**Sample Weight:** N/A

**Analyst:** Destiny Ribadeneyra

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

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**Microbial Impurities - MDG**

**Pass**

**Sample Analysis**

Date: 03/09/2026 02:45 PM

SOP: NYS.SOPT.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

**Microbial Impurities - TAPC**

**Pass**

**Sample Analysis**

Date: 03/06/2026 04:41 PM

SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Destiny Ribadeneyra

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	100	10000	<LOQ	PASS

**Microbial Impurities - TYMC**

**Pass**

**Sample Analysis**

Date: 03/09/2026 02:43 PM

SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Destiny Ribadeneyra

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	100	1000	<LOQ	PASS

Weston Owen 03/10/2026

Laboratory Manager

*Weston Owen*

Smithers CTS New York LLC  
 49 John Hicks Drive  
 Warwick, NY 10990  
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