



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
Sample ID: 2508SMNY0626.3071



SMITHERS

CERTIFICATE OF ANALYSIS
Permit #: OCM-CPL-00004

Certificate: 11032.1

Raspberry Punch x Chemdog 1g Vape 510 Cart

Lot #: 006-090-C **Lot Size:** 5000
Sample ID: 2508SMNY0626.3071 **Sample Type:** Concentrate
Regulatory Category: Adult Use **Amount Received:** 4
Received: 08/27/2025 **Sample Collected:** 08/26/2025 10:50 AM
Sampling Location: 415 Airport Rd Endicott, NY 13760 **Published:** 09/08/2025



COMPLIANCE FOR RETAIL

Cannabinoid Profile Pass	Terpenes Total Pass	Residual Solvents Pass	Pass Sample Status
Pesticides Pass	Mycotoxins Pass	Water Activity Not Tested	84.1% Total THC
Trace Metals Pass	Microbial Contaminants Pass	Moisture Analysis Not Tested	0.196% Total CBD
Filth & Foreign Not Tested			88.9 % Total Cannabinoids

Report Notes: Bulk testing performed on parent lot 006-090.

Weston Owen 09/08/2025

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: 09/08/2025 02:14 PM

SOP: NY.SOFT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity [†]
Total Tetrahydrocannabinol (THC)	-	84.1	841	
Tetrahydrocannabinolic acid (THCA)	0.0500	1.20	12.0	
Δ8-THC	0.0500	<LOQ	<LOQ	
Δ9-THC	0.0500	83.0	830	
Δ10-THC-RS	0.0500	<LOQ	<LOQ	
Δ10-THC-RR	0.0500	<LOQ	<LOQ	
Total Cannabidiol (CBD)	-	0.196	1.96	
Cannabinolic acid (CBDA)	0.0500	<LOQ	<LOQ	
Cannabidiol (CBD)	0.0500	0.196	1.96	
Total Active Tetrahydrocannabivarin (THCV)	-	0.716	7.16	
Tetrahydrocannabivarinic acid (THCVA)	0.0500	<LOQ	<LOQ	
Tetrahydrocannabivarin (THCV)	0.0500	0.716	7.16	
Total Active Cannabigerol (CBG)	-	2.33	23.3	
Cannabigerolic acid (CBGA)	0.0500	0.314	3.14	
Cannabigerol (CBG)	0.0500	2.06	20.6	
Cannabidivaricin (CBDV)	0.0500	<LOQ	<LOQ	
Cannabinol (CBN)	0.0500	0.729	7.29	
Cannabichromene (CBC)	0.0500	0.846	8.46	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity [†]
Total Cannabinoids	88.9	889	

[†]Concentration of individual samples must be ±25% of the mean concentration

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: 1g

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Terpene Total

Pass (4.412%)

Sample Analysis

Date: 09/02/2025 04:57 PM

SOP: NY.SOFT.40.090

Sample Weight: 0.2261 g

Analyzed By: GC-MS

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	<LOQ	gamma-Terpinene	0.0004400	<LOQ
alpha-Bisabolol	0.0005000	0.2221	gamma-Terpineol	0.0003000	<LOQ
alpha-Humulene	0.0005600	0.3946	Geraniol	0.0004800	<LOQ
alpha-Phellandrene	0.0006600	<LOQ	Geranyl acetate	0.0006200	<LOQ
alpha-Pinene	0.0004800	0.04700	Guaiol	0.0006000	0.4692
alpha-Terpinene	0.0002600	<LOQ	Isoborneol	0.0003400	0.03770
alpha-Terpineol	0.0003400	0.06970	Isopulegol	0.0006600	<LOQ
beta-Myrcene	0.0006400	0.6467	Limonene	0.0007400	0.4396
beta-Pinene	0.0006600	0.06170	Linalool	0.0004600	0.1535
Borneol	0.0004600	0.02850	Menthol	0.0004600	<LOQ
Camphene	0.0004400	0.01150	Nerol	0.0005000	0.009400
Camphor	0.0004000	<LOQ	Pulegone (+)	0.0005600	<LOQ
Caryophyllene oxide	0.0005800	0.07130	Sabinene	0.0003400	0.06170
Cedrene	0.0004400	<LOQ	Sabinene Hydrate	0.0004200	<LOQ
Cedrol	0.0005600	<LOQ	Terpinolene	0.0005000	<LOQ
cis-Nerolidol	0.0006800	<LOQ	trans-b-Ocimene	0.0004200	0.007600
cis-Ocimene	0.0005200	<LOQ	trans-Caryophyllene	0.0006600	1.560
Eucalyptol	0.0007200	<LOQ	trans-Nerolidol	0.0007200	<LOQ
Farnesene	0.0008400	0.04500	Valencene	0.0005600	0.01840
Fenchone	0.0005000	0.003300			

Terpene Totals	%	Pass/Fail
Total Terpenes	4.412	PASS
<hr/>		
trans-Caryophyllene	1.56%	
beta-Myrcene	1.39%	
Guaiol	1.21%	
Limonene	1.04%	
alpha-Humulene	0.87%	
Weight %: 0.00% 0.17% 0.35% 0.52% 0.69% 0.87% 1.04% 1.21% 1.39% 1.56%		

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Trace Metals

Pass

Sample Analysis

Date: 08/29/2025 12:42 PM

SOP: NY.SOFT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1275 g

Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)	0.00200	2.00	<LOQ	PASS
Arsenic (As)	0.00200	0.200	<LOQ	PASS
Cadmium (Cd)	0.00200	0.200	<LOQ	PASS
Chromium (Cr)	0.00200	110	0.0200	PASS
Copper (Cu)	0.00200	30.0	0.189	PASS
Lead (Pb)	0.00200	0.500	0.00600	PASS
Mercury (Hg)	0.00200	0.100	<LOQ	PASS
Nickel (Ni)	0.00200	2.00	0.0220	PASS

Mycotoxin Analysis

Pass

Sample Analysis

Date: 08/29/2025 05:30 PM

SOP: NY.SOFT.40.180

Analyzed By: LC-MS/MS

Sample Weight: N/A

Analyst: Destiny Ribadeneyra

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

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Pesticides LC

Pass

Sample Analysis

Date: 09/02/2025 04:09 PM

SOP: NY.SOFT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1.0329 g

Analyst: Destiny Ribadeneyra

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

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Pesticides GC

Pass

Sample Analysis

Date: 09/02/2025 04:28 PM

SOP: NYS.SOFT.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	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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Residual Solvents

Pass

Sample Analysis

Date: 09/02/2025 04:48 PM

SOP: NYS.SOFT.040.272

Analyzed By: GC-MS

Sample Weight: 0.09 g

Analyst: Destiny Ribadeneyra

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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Microbial Impurities - MDG

Pass

Sample Analysis

Date: 09/03/2025 02:40 PM

SOP: NYS.SOFT.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: 09/03/2025 08:36 AM

SOP: NYS.SO.PT.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	5	10000	<LOQ	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 09/02/2025 09:05 AM

SOP: NYS.SO.PT.040.200

Analyzed By: Plating

Analyst: Kristy Lee

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	1000	<LOQ	PASS

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Accreditation #: 121747

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