

Certificate of Analysis

Nanticoke

Contact Person: Pete Shafer
 Endicott, NY 13760
 pete@nanticokegardens.com
 (607) 754-5008
 Lic. #OCM-PROC-24-000002-P1

Sample: 2603RLI0363-1861

Strain: MAC Nilla
 Batch#: MNI01/CSTH ; Batch Size: 928 units
 Sample Received: 04/01/2026; Report Created: 04/14/2026;

Nanticoke - Mac Nilla 14g Jar

Plant, Flower - Cured, Greenhouse
 Parent Lot: MNI01/CSTH

Sampling

Sample Collection Date/Time: 03/31/26 1211
 Sample Collection Site: 415 airport road, endicott, 13760
 Sampling Firm: DRS Testing
 Sampling Method: MTHD-014
 Sampling Notes/Deviations:



Safety

Pass Pesticides	Pass Microbials	Pass Mycotoxins	Pass Water Activity
Not Tested Solvents	Pass Metals	Pass Foreign Matter	Pass Moisture

Cannabinoids

25.00% Total THC	ND Total CBD	9.8% Moisture
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Analyte	LOQ	Result	Result
	mg/g	%	mg/g
CBDVa	0.2	ND	ND
CBDV	0.2	ND	ND
CBDa	0.2	ND	ND
CBGa	0.2	1.44	14.4
CBG	0.2	ND	ND
CBD	0.2	ND	ND
THCV	0.2	ND	ND
THCVa	0.2	0.73	7.3
CBN	0.2	ND	ND
Δ9-THC	0.2	2.75	27.5
Δ8-THC	0.2	ND	ND
(6aR,9R)-d10-THC	0.2	ND	ND
(6aR,9S)-d10-THC	0.2	ND	ND
CBC	0.2	ND	ND
THCa	0.2	25.37	253.7
CBCa	0.2	ND	ND
Total Cannabinoids		30.29	302.93

Entered By: VJ, Instrument ID: AL2-004
 Method: MTHD-001, Date Tested: 04/12/2026 21:55
 Total theoretical THC % = (delta-9- THC%) + (THCa% x 0.877) + (delta-8- THC%) + (delta-10- THC%)

DRS Testing
 28 Best Street
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Amanda Thorning
 Laboratory Director

Violet Josik
 Quality Assurance Officer



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 Sampling Notes/Deviations:

Residual Solvents

Not Tested

Analyte	LOQ	Limit	Result	Status
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Microbials

Pass

Analyte	LOQ	Limit	Result	Status
	CFU/g	CFU/g	CFU/g	
Aspergillus flavus	1	Absent	Absence	Pass
Aspergillus fumigatus	1	Absent	Absence	Pass
Aspergillus niger	1	Absent	Absence	Pass
Aspergillus terreus	1	Absent	Absence	Pass
Salmonella	1	Absent	Absence	Pass
Shiga Toxin E. Coli	1	Absent	Absence	Pass
Aerobic Bacteria	10	N/A	1200	Tested
Yeast & Mold	10	N/A	14000	Tested

Entered By: MS, Aria Instrument ID: M-001; 3M Instrument ID: M-012
 Aerobic Date Tested: 04/03/2026 14:59
 YM Date Tested: 04/04/2026 14:12 Sal/STEC/Asp Date Tested: 04/05/2026 12:32
 Methods: Aspergillus (MTHD-010), Salmonella/STEC (MTHD-011), Total Yeast & Mold (MTHD-012), Total Aerobic (MTHD-013)

Heavy Metals

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Chromium	1.0000	110.0000	<LOQ	Pass
Nickel	0.5000	5.0000	<LOQ	Pass
Copper	1.0000	30.0000	10.2424	Pass
Arsenic	0.1000	0.2000	<LOQ	Pass
Cadmium	0.1000	0.2000	<LOQ	Pass
Antimony	0.5000	2.0000	ND	Pass
Mercury	0.0500	0.1000	ND	Pass
Lead	0.2500	0.5000	ND	Pass

Entered By: BW, Instrument ID: AL2-001
 Method: MTHD-006 Date Tested: 04/09/2026 11:22
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Mycotoxins

Pass

Analyte	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	
Aflatoxin B1	0.005	0.020	ND	Pass
Aflatoxin B2	0.005	0.020	ND	Pass
Aflatoxin G1	0.005	0.020	ND	Pass
Aflatoxin G2	0.005	0.020	ND	Pass
Ochratoxin A	0.005	0.020	ND	Pass
Total Aflatoxins		0.020	ND	Pass

Entered By: gtg, Instrument ID: AL1-003
 Method: MTHD-009 Date Tested: 04/02/2026 20:38

Entered By: , Instrument ID:
 Method: , Date Tested:



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Plant, Flower - Cured, Greenhouse
 Parent Lot: MNIO1/CSTH

Sampling

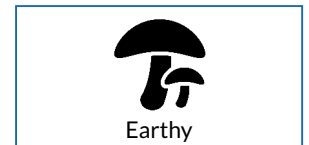
Sample Collection Date/Time: 03/31/26 1211
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 Sampling Firm: DRS Testing
 Sampling Method: MTHD-014
 Sampling Notes/Deviations:

Terpenes

Complete

Primary Aromas

Analyte	LOQ	Result	Result
	%	%	mg/g
Ocimene	0.0125	0.42	4.21
Valencene	0.0125	0.28	2.81
Terpinolene	0.0125	0.24	2.39
α-Humulene	0.0125	0.23	2.32
β-Caryophyllene	0.0125	0.18	1.79
Terpineol	0.0125	0.06	0.61
α-Pinene	0.0125	0.05	0.48
α-Bisabolol	0.0125	ND	ND
α-Phellandrene	0.0125	ND	ND
α-Terpinene	0.0125	ND	ND
β-Myrcene	0.0125	ND	ND
β-Pinene	0.0125	ND	ND
Camphene	0.0125	ND	ND
Caryophyllene Oxide	0.0125	ND	ND
Farnesene	0.0125	ND	ND
Fenchol	0.0125	ND	ND
Geraniol	0.0125	ND	ND
Guaiol	0.0125	ND	ND
Limonene	0.0125	ND	ND
Linalool	0.0125	<LOQ	<LOQ



1.4609%
 Total Terpenes

Entered By: VJ, Instrument ID: AL1-001
 Method: MTHD-005, Date Tested: 04/09/2026 10:36

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Sampling

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 Sample Collection Site: 415 airport road, endicott, 13760
 Sampling Firm: DRS Testing
 Sampling Method: MTHD-014
 Sampling Notes/Deviations:

Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Abamectin	0.05	0.50	ND	Pass
Acephate	0.05	0.40	ND	Pass
Acequinocyl	0.05	2.00	ND	Pass
Acetamiprid	0.05	0.20	ND	Pass
Aldicarb	0.05	0.40	ND	Pass
Avermectin-B1a			ND	Tested
Avermectin-B1b			ND	Tested
Azadirachtin	0.25	1.00	ND	Pass
Azoxystrobin	0.05	0.20	ND	Pass
Bifenazate	0.05	0.20	ND	Pass
Bifenthrin	0.05	0.20	ND	Pass
Boscalid	0.05	0.40	ND	Pass
Captan	0.50	1.00	ND	Pass
Carbaryl	0.05	0.20	ND	Pass
Carbofuran	0.05	0.20	ND	Pass
Chlorantraniliprole	0.05	0.20	ND	Pass
Chlordane	0.50	1.00	ND	Pass
Chlorfenapyr	0.50	1.00	ND	Pass
Chlormequat chloride	0.05	1.00	ND	Pass
Chlorpyrifos	0.05	0.20	ND	Pass
Cinerin 1			ND	Tested
Clofentezine	0.05	0.20	ND	Pass
Coumaphos	0.05	1.00	ND	Pass
Cyfluthrin	0.05	1.00	ND	Pass
Cypermethrin	0.05	1.00	ND	Pass

Entered By: gtg, GC Instrument ID: AL1-002; LC Instrument ID: AL1-003
 GC Method: MTHD-008 GC Date Tested: 04/02/2026 03:48
 LC Method: MTHD-009 LC Date Tested: 04/02/2026 20:38
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Sampling Notes/Deviations:

Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Daminozide	0.05	1.00	ND	Pass
Diazinon	0.05	0.20	ND	Pass
Dichlorvos	0.05	1.00	ND	Pass
Dimethoate	0.05	0.20	ND	Pass
Dimethomorph	0.05	1.00	ND	Pass
Ethoprophos	0.05	0.20	ND	Pass
Etofenprox	0.05	0.40	ND	Pass
Etoxazole	0.05	0.20	ND	Pass
Fenhexamid	0.05	1.00	ND	Pass
Fenoxycarb	0.05	0.20	ND	Pass
Fenpyroximate	0.05	0.40	ND	Pass
Fipronil	0.05	0.40	ND	Pass
Fonicamid	0.05	1.00	ND	Pass
Fludioxonil	0.05	0.40	ND	Pass
Hexythiazox	0.05	1.00	ND	Pass
Imazalil	0.05	0.20	ND	Pass
Imidacloprid	0.05	0.40	ND	Pass
Indolebutyric Acid	0.05	1.00	ND	Pass
Jasmolin 1			0.01	Tested
Kresoxim Methyl	0.05	0.40	ND	Pass
Malathion	0.05	0.20	ND	Pass
Metalaxyl	0.05	0.20	ND	Pass
Methiocarb	0.05	0.20	ND	Pass
Methomyl	0.05	0.40	ND	Pass
Mevinphos	0.05	1.00	ND	Pass

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Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
MGK-264	0.05	0.20	ND	Pass
Myclobutanil	0.05	0.20	ND	Pass
Naled	0.05	0.50	ND	Pass
Oxamyl	0.05	1.00	ND	Pass
Paclobutrazol	0.05	0.40	ND	Pass
Parathion Methyl	0.10	0.20	ND	Pass
Pentachloronitrobenzene	0.50	1.00	ND	Pass
Permethrins	0.05	0.20	ND	Pass
Phosmet	0.05	0.20	ND	Pass
Piperonyl Butoxide	0.05	2.00	ND	Pass
Prallethrin	0.05	0.20	ND	Pass
Propiconazole	0.05	0.40	ND	Pass
Propoxur	0.05	0.20	ND	Pass
Pyrethrin 1			ND	Tested
Pyrethrin 2			ND	Tested
Pyrethrins	0.05	1.00	ND	Pass
Pyridaben	0.05	0.20	ND	Pass
Spinetoram	0.05	1.00	ND	Pass
Spinetoram J			ND	Tested
Spinetoram L			ND	Tested
Spinosad	0.05	0.20	ND	Pass
Spinosyn A			ND	Tested
Spinosyn D			ND	Tested
Spiromesifen	0.05	0.20	ND	Pass
Spirotetramat	0.05	0.20	ND	Pass

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Sampling Notes/Deviations:

Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Spiroxamine	0.05	0.20	ND	Pass
Tebuconazole	0.05	0.40	ND	Pass
Thiacloprid	0.05	0.20	ND	Pass
Thiamethoxam	0.05	0.20	ND	Pass
Trifloxystrobin	0.05	0.20	ND	Pass

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Moisture Date/Time Tested: 04/01/2026; 1450
Moisture Method: MTHD-003

Water Activity Date/Time Tested: 04/01/2026; 1337
Water Activity Method: MTHD-002

0.36 aw
Limit: 0.65 aw
Pass
Water Activity

9.8%
Limit: 15.0 %
Pass
Moisture

Foreign Matter

Foreign Matter Method: MTHD-004
Foreign Matter Date/Time Tested: 04/01/2026; 1720

Pass

Analyte	Limit	Result	Status
Mammal Excrement	0.00022%	0	Pass
FM Stems	5%	0	Pass
FM Other	2%	0	Pass

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