

Certificate of Analysis

Nanticoke

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

Sample: 2512RLI1223-4725

Strain: Permanent Marker
 Batch#: PF082809DB; Batch Size: 10000 units
 Sample Received: 12/09/2025; Report Created: 12/17/2025;

Permanent Marker .7g Pouch

Plant, Flower - Cured, Greenhouse
 Parent Lot: PF082809DB

Sampling

Sample Collection Date/Time: 12/09/25 13:24
 Sample Collection Site: Nanticoke
 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

27.84% Total THC	ND Total CBD	10.1% 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	2.39	23.9
CBG	0.2	ND	ND
CBD	0.2	ND	ND
THCV	0.2	ND	ND
THCVa	0.2	ND	ND
CBN	0.2	ND	ND
Δ9-THC	0.2	ND	ND
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	31.74	317.4
CBCa	0.2	ND	ND
Total Cannabinoids		34.13	341.29

Entered By: gtg, Instrument ID: AL2-004
 Method: MTHD-001, Date Tested: 12/12/2025 1927
 Total theoretical THC % = (delta-9- THC%) + (THCa% x 0.877) + (delta-8- THC%) + (delta-10- THC%)

DRS Testing
 28 Best Street
 Buffalo, NY
 (716) 503-8147
<http://www.drstesting.com>
 Lic# OCM-CPL-00011



Amanda Thorning
 Laboratory Director

Violet Josik
 Quality Assurance Officer



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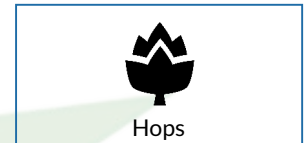
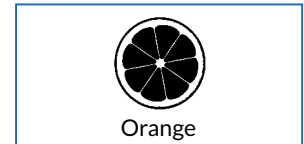
Sample Collection Date/Time: 12/09/25 13:24
 Sample Collection Site: Nanticoke
 Sampling Firm: DRS Testing
 Sampling Method: MTHD-014
 Sampling Notes/Deviations:

Terpenes

Complete

Primary Aromas

Analyte	LOQ	Result	Result
	%	%	mg/g
β -Caryophyllene	0.0125	1.1	11.2
Limonene	0.0125	0.11	1.11
β -Myrcene	0.0125	0.10	1.05
β -Pinene	0.0125	0.10	0.98
Linalool	0.0125	0.05	0.49
Terpineol	0.0125	0.02	0.17
α -Bisabolol	0.0125	ND	ND
α -Humulene	0.0125	ND	ND
α -Phellandrene	0.0125	ND	ND
α -Pinene	0.0125	<LOQ	<LOQ
α -Terpinene	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
Ocimene	0.0125	ND	ND
Terpinolene	0.0125	ND	ND
Valencene	0.0125	ND	ND



1.5030%
 Total Terpenes

Entered By: VJ, Instrument ID: AL1-001
 Method: MTHD-005, Date Tested: 12/14/2025 19:16

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Sampling

Sample Collection Date/Time: 12/09/25 13:24
Sample Collection Site: Nanticoke
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
Chloromequat 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: AT, GC Instrument ID: AL1-002; LC Instrument ID: AL1-003
GC Method: MTHD-008 GC Date Tested: 12/15/2025 23:27
LC Method: MTHD-009 LC Date Tested: 12/16/2025 22:22
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Sampling

Sample Collection Date/Time: 12/09/25 13:24
Sample Collection Site: Nanticoke
Sampling Firm: DRS Testing
Sampling Method: MTHD-014
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			ND	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

Entered By: AT, GC Instrument ID: AL1-002; LC Instrument ID: AL1-003
GC Method: MTHD-008 GC Date Tested: 12/15/2025 23:27
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Sample Collection Site: Nanticoke
Sampling Firm: DRS Testing
Sampling Method: MTHD-014
Sampling Notes/Deviations:

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 Firm: DRS Testing
Sampling Method: MTHD-014
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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Sampling Method: MTHD-014
Sampling Notes/Deviations:

Moisture Date/Time Tested: 12/11/2025; 12:13
Moisture Method: MTHD-003

Water Activity Date/Time Tested: 12/11/2025; 14:52
Water Activity Method: MTHD-002

0.23 aw
Limit: 0.65 aw
Pass
Water Activity

10.1%
Limit: 15.0 %
Pass
Moisture

Foreign Matter

Foreign Matter Method: MTHD-004
Foreign Matter Date/Time Tested: 12/10/2025; 16:30

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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