

Certificate of Analysis

Nanticoke

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

Sample: 2512RLI1274-4949

Strain: Permafrost

Batch#: PF091113H; Batch Size: 3200 units

Sample Received: 12/30/2025; Report Created: 01/12/2026;

Permafrost 1/2 Oz Jar

Plant, Flower - Cured, Greenhouse
Parent Lot: PF091113H

Sampling

Sample Collection Date/Time: 12/30/25 13:13
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

33.06% Total THC	ND Total CBD	10.5% 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	1.65	16.5
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	0.75	7.5
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	36.84	368.4
CBCa	0.2	ND	ND
Total Cannabinoids		39.25	392.49

Entered By: gtg, Instrument ID: AL2-004
Method: MTHD-001, Date Tested: 01/03/2026 1348
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
Amanda Thorning
Laboratory Director

Violet Josik
Violet Josik
Quality Assurance Officer



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Type of Use: Adult Use
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2 of 8

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Sampling Method: MTHD-014
Sampling Notes/Deviations:

Residual Solvents

Not Tested

Analyte	LOQ	Limit	Result	Status
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Microbials

Pass

Analyte	LOQ	Limit	Result	Status
Aspergillus flavus	1 CFU/g	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	600	Tested
Yeast & Mold	10	N/A	4000	Tested

Entered By: MS, Aria Instrument ID: M-001; 3M Instrument ID: M-012
Aerobic Date Tested: 01/03/2026 15:33
YM Date Tested: 01/04/2026 14:30 Sal/STEC/Asp Date Tested: 01/04/2026 13:58
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
Chromium	1.0000 PPM	110.0000 PPM	ND	Pass
Nickel	0.5000	5.0000	1.2121	Pass
Copper	1.0000	30.0000	5.5537	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	<LOQ	Pass

Entered By: BW, Instrument ID: AL2-001
Method: MTHD-006 Date Tested: 01/05/2026 11:37
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Mycotoxins

Pass

Analyte	LOQ	Limit	Result	Status
Aflatoxin B1	0.005 µg/g	0.020 µg/g	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: AT, Instrument ID: AL1-003
Method: MTHD-009 Date Tested: 01/09/2026 18:06

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

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Sampling

Sample Collection Date/Time: 12/30/25 13:13
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
Limonene	0.0125	0.52	5.23
β -Myrcene	0.0125	0.41	4.06
Linalool	0.0125	0.14	1.41
α -Pinene	0.0125	0.05	0.48
α -Bisabolol	0.0125	ND	ND
α -Humulene	0.0125	ND	ND
α -Phellandrene	0.0125	ND	ND
α -Terpinene	0.0125	ND	ND
β -Caryophyllene	0.0125	ND	ND
β -Pinene	0.0125	ND	ND
Camphene	0.0125	<LOQ	<LOQ
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
Terpineol	0.0125	ND	ND
Terpinolene	0.0125	ND	ND
Valencene	0.0125	ND	ND



Orange



Hops



Lavender



Pine

1.1183%

Total Terpenes

Entered By: VJ, Instrument ID: AL1-001
Method: MTHD-005, Date Tested: 01/04/2026 8:15

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Permafrost 1/2 Oz Jar

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Parent Lot: PF091113H

Sampling

Sample Collection Date/Time: 12/30/25 13:13
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
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: AT, GC Instrument ID: AL1-002; LC Instrument ID: AL1-003

GC Method: MTHD-008 GC Date Tested: 01/08/2026 17:58

LC Method: MTHD-009 LC Date Tested: 01/09/2026 18:06

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Permafrost 1/2 Oz Jar

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Parent Lot: PF091113H

Sampling

Sample Collection Date/Time: 12/30/25 13:13
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
Flonicamid	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: 01/08/2026 17:58


LC Method: MTHD-009 LC Date Tested: 01/09/2026 18:06

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Sampling

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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

Entered By: AT, GC Instrument ID: AL1-002; LC Instrument ID: AL1-003

GC Method: MTHD-008 GC Date Tested: 01/08/2026 17:58

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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 Notes/Deviations:

Moisture Date/Time Tested: 01/02/2026; 1251
Moisture Method: MTHD-003

Water Activity Date/Time Tested: 01/02/2026; 1616
Water Activity Method: MTHD-002

0.20 aw
Limit: 0.65 aw
Pass
Water Activity

10.5%
Limit: 15.0 %
Pass
Moisture

Foreign Matter

Foreign Matter Method: MTHD-004
Foreign Matter Date/Time Tested: 01/02/2026; 15:30

Pass

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

