



Sample:AL30419001-002  
Harvest/Lot ID: 090705FS  
Batch#: 079-002  
Seed to Sale# Excel  
Sample Size Received: 8 units  
Total Amount: 1200 units  
Retail Product Size: 1 gram  
Sampled : 04/17/23

# Certificate of Analysis

**PASSED**

May 02, 2023 | Nanticoke Hemp Inc.

1543 Union Center Maine Highway  
Endicott, NY, 13760, US

Nanticoke

Pages 1 of 5

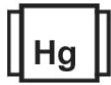
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**NOT TESTED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

MISC.



**Cannabinoid**

**PASSED**



Total THC  
**65.4546%**



Total CBD  
**<LOQ**



Total Cannabinoids  
**74.0705%**

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	<LOQ	1.6329	<LOQ	<LOQ	<LOQ	4.5418	<LOQ	1.2144	<LOQ	63.8043	1.8818	0.9953
mg/unit	<LOQ	<LOQ	16.329	<LOQ	<LOQ	<LOQ	45.418	<LOQ	12.144	<LOQ	638.043	18.818	9.953
LOQ	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
0.1249g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 04/20/23 13:21:39

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**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164



Signature  
05/02/23



# Certificate of Analysis

**PASSED**

Nanticoke Hemp Inc.

1543 Union Center Maine Highway  
Endicott, NY, 13760, US  
Telephone: 6074442283  
Email: pete@nanticokegardens.com

Sample : AL30419001-002  
Harvest/Lot ID: 090705FS

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Terpenes				TESTED					
Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
VALENCENE	0.04	<LOQ	<LOQ		CARYOPHYLLENE OXIDE	0.04	<LOQ	<LOQ	
ALPHA-PINENE	0.04	<LOQ	<LOQ		BORNEOL	0.04	<LOQ	<LOQ	
TRANS-NEROLIDOL	0.02	<LOQ	<LOQ		BETA-CARYOPHYLLENE	0.04	3	0.3	
CAMPHENE	0.04	<LOQ	<LOQ		ALPHA-HUMULENE	0.04	<LOQ	<LOQ	
SABINENE	0.04	<LOQ	<LOQ		ALPHA-CEDRENE	0.04	<LOQ	<LOQ	
BETA-PINENE	0.04	<LOQ	<LOQ		ALPHA-BISABOLOL	0.04	1	0.1	
BETA-MYRCENE	0.04	1	0.1		ALPHA TERPINEOL	0.04	<LOQ	<LOQ	
PULEGONE	0.04	n.a.	n.a.		Weight:				
ALPHA-PHELLANDRENE	0.04	<LOQ	<LOQ		0.5003g				
3-CARENE	0.04	<LOQ	<LOQ		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
NEROL	0.04	n.a.	n.a.		Analyzed Date : 04/21/23 16:20:25				
ALPHA-TERPINENE	0.04	<LOQ	<LOQ						
LINALOOL	0.04	<LOQ	<LOQ						
LIMONENE	0.04	1	0.1						
EUCALYPTOL	0.04	<LOQ	<LOQ						
ISOBORNEOL	0.04	n.a.	n.a.						
OCIMENE	0.04	<LOQ	<LOQ						
GAMMA TERPINEOL	0.04	<LOQ	<LOQ						
HEXAHYDROTHYMOL	0.04	<LOQ	<LOQ						
SABINENE HYDRATE	0.04	<LOQ	<LOQ						
GUAIOL	0.04	n.a.	n.a.						
TERPINOLENE	0.04	4	0.4						
GERANYL ACETATE	0.04	<LOQ	<LOQ						
FENCHONE	0.04	<LOQ	<LOQ						
GERANIOL	0.04	<LOQ	<LOQ						
GAMMA-TERPINENE	0.04	<LOQ	<LOQ						
FENCHYL ALCOHOL	0.04	<LOQ	<LOQ						
ISOPULEGOL	0.04	<LOQ	<LOQ						
CAMPHOR	0.04	n.a.	n.a.						
CIS-NEROLIDOL	0.04	n.a.	n.a.						
CEDROL	0.04	<LOQ	<LOQ						
<b>Total (%)</b>			<b>1</b>						

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Lab Director

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Signature  
05/02/23



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 Email: pete@nanticokegardens.com

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Pesticides						PASSED					
Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
PYRETHRINS, TOTAL	0.1	ppm	1	PASS	<LOQ	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<LOQ
AZADIRACTHIN	0.1	ppm	1	PASS	<LOQ	PHOSMET	0.1	ppm	0.2	PASS	<LOQ
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	PROPCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<LOQ	PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ
ACEPHATE	0.1	ppm	0.4	PASS	<LOQ	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<LOQ
ACEQUINOXYL	0.1	ppm	2	PASS	<LOQ	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.1	ppm	0.4	PASS	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ	SPIROXAMINE	0.1	ppm	0.2	PASS	<LOQ
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<LOQ	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ	THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
COUMAPHOS	0.1	ppm	1	PASS	<LOQ	CAPTAN *	0.1	ppm	1	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ	CHLORDANE *	0.1	ppm	1	PASS	<LOQ
DAMINOZIDE	0.1	ppm	1	PASS	<LOQ	CHLORFENAPYR *	0.1	ppm	1	PASS	<LOQ
BOSCALID	0.1	ppm	0.4	PASS	<LOQ	CYFLUTHRIN *	0.1	ppm	1	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ	CYPERMETHRIN *	0.1	ppm	1	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ	METHYL PARATHION *	0.1	ppm	0.2	PASS	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	PASS	<LOQ	MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<LOQ
DICHLORVOS	0.1	ppm	1	PASS	<LOQ						
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ						
DIMETHOMORPH	0.1	ppm	1	PASS	<LOQ						
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ						
ETOFENPROX	0.1	ppm	0.4	PASS	<LOQ						
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ						
FENHEXAMID	0.1	ppm	1	PASS	<LOQ						
FENOXICARB	0.1	ppm	0.2	PASS	<LOQ						
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ						
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ						
FLONICAMID	0.1	ppm	1	PASS	<LOQ						
FLUDIOXONIL	0.1	ppm	0.4	PASS	<LOQ						
HEXYTHIAZOX	0.1	ppm	1	PASS	<LOQ						
IMAZALIL	0.1	ppm	0.2	PASS	<LOQ						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<LOQ						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<LOQ						
MALATHION	0.1	ppm	0.2	PASS	<LOQ						
METALAXYL	0.1	ppm	0.2	PASS	<LOQ						
METHIOCARB	0.1	ppm	0.2	PASS	<LOQ						
METHOMYL	0.1	ppm	0.4	PASS	<LOQ						
MEVINPHOS	0.1	ppm	1	PASS	<LOQ						
NALED	0.1	ppm	0.5	PASS	<LOQ						
OXYMYL	0.1	ppm	1	PASS	<LOQ						

Weight:

0.5317g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY

Analyzed Date : N/A

Weight:

0.5317g

Analysis Method : SOP.T.40.154.NY

Analyzed Date : 04/21/23 08:43:05



# Certificate of Analysis

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 Endicott, NY, 13760, US  
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 Harvest/Lot ID: 090705FS

 Batch# : 079-002  
 Sampled : 04/17/23

 Sample Size Received : 8 units  
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 Sample Method : SOP Client Method

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	<b>Residual Solvents</b>				<b>PASSED</b>
Solvents	LOQ	Units	Action Level	Pass/Fail	Result
HEXANE, TOTAL	208.4	ppm	290	PASS	<LOQ
PENTANES, TOTAL	2700	ppm	5000	PASS	<LOQ
BUTANES, TOTAL	1800	ppm	5000	PASS	<LOQ
XYLENES, TOTAL	1171.8	ppm	2170	PASS	<LOQ
PROPANE	900	ppm	5000	PASS	<LOQ
METHANOL	540	ppm	3000	PASS	<LOQ
ETHANOL	900	ppm	5000	PASS	<LOQ
ETHYL ETHER	900	ppm	5000	PASS	<LOQ
ACETONE	180	ppm	5000	PASS	<LOQ
2-PROPANOL	900	ppm	5000	PASS	<LOQ
ACETONITRILE	73.8	ppm	410	PASS	<LOQ
DICHLOROMETHANE	108	ppm	600	PASS	<LOQ
ETHYL ACETATE	900	ppm	5000	PASS	<LOQ
BENZENE	0.45	ppm	2	PASS	<LOQ
N-HEPTANE	900	ppm	5000	PASS	<LOQ
TOLUENE	160.2	ppm	890	PASS	<LOQ
CHLOROFORM	10.8	ppm	60	PASS	<LOQ

Weight: 0.0208g  
 Analysis Method : SOP.T.40.044.NY  
 Analyzed Date : 04/25/23 15:17:31

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**Erica Troy**  
 Lab Director

 NY Permit # OCM-CPL-2022-00006  
 ISO 17025 Accreditation # 97164



 Signature  
 05/02/23



# Certificate of Analysis

**PASSED**



Nanticoke Hemp Inc.


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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	10	CFU/g	<100	PASS	10000	AFLATOXIN G2	0.0025	ppm	<LOQ	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	<100	PASS	1000	AFLATOXIN G1	0.0025	ppm	<LOQ	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<LOQ	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.01	ppm	<LOQ	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS							
Weight: 1.01g Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY Analyzed Date : 04/24/23 12:13:50						Weight: 0.5317g Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY Analyzed Date : 04/21/23 08:42:50					

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.01	ug/g	<LOQ	PASS	2
ARSENIC	0.01	ug/g	<LOQ	PASS	0.2
CADMIUM	0.01	ug/g	<LOQ	PASS	0.3
CHROMIUM	0.01	ug/g	<LOQ	PASS	110
COPPER	0.01	ug/g	<LOQ	PASS	30
LEAD	0.01	ug/g	<LOQ	PASS	0.5
MERCURY	0.01	ug/g	<LOQ	PASS	0.1
NICKEL	0.01	ug/g	0.2561	PASS	2
Weight: 0.4256g Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY Analyzed Date : 04/21/23 15:09:45					