



# Certificate of Analysis

Sample:AL30505001-001  
Harvest/Lot ID: 130628FS  
Batch#: 079-005D  
Seed to Sale# Excel  
Sample Size Received: 8 gram  
Total Amount: 1200 gram  
Retail Product Size: 1 gram  
Sampled: 05/04/23  
Sampling Start: 12:45 PM  
Sampling End: 12:45 PM

**PASSED**

May 19, 2023 | Nanticoke Hemp Inc.

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

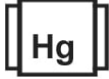
Nanticoke

Pages 1 of 5

**PRODUCT IMAGE** **SAFETY RESULTS** **MISC.**




  
**Pesticides**  
**PASSED**

  
**Heavy Metals**  
**PASSED**

  
**Microbials**  
**PASSED**

  
**Mycotoxins**  
**PASSED**

  
**Residuals Solvents**  
**PASSED**

  
**Filth**  
**NOT TESTED**

  
**Water Activity**  
**NOT TESTED**

  
**Moisture**  
**NOT TESTED**

  
**Terpenes**  
**TESTED**

**Cannabinoid** **PASSED**

  
**Total THC**  
**70.9681%**  
 Total THC/Container : 709.681 mg

  
**Total CBD**  
**<LOQ**  
 Total CBD/Container : 0 mg

  
**Total Cannabinoids**  
**77.537%**  
 Total Cannabinoids/Container : 775.37 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	<LOQ	0.6878	<LOQ	<LOQ	<LOQ	4.2837	0.166	0.9599	<LOQ	69.7571	1.3809	0.3016
mg/g	<LOQ	<LOQ	6.878	<LOQ	<LOQ	<LOQ	42.837	1.66	9.599	<LOQ	697.571	13.809	3.016
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: 0.1448g  
 Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
 Analyzed Date : 05/05/23 16:15:34

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**Erica Troy**  
Lab Director

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



Signature  
05/19/23



# Certificate of Analysis

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Nanticoke Hemp Inc.

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

Sample : AL30505001-001  
Harvest/Lot ID: 130628FS

Batch# : 079-005D  
Sampled : 05/04/23

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

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Terpenes				Terpenes					
Terpenes	LOQ (%)	mg/g	%	Result (%)	Terpenes	LOQ (%)	mg/g	%	Result (%)
VALENCENE	0.04	<LOQ	<LOQ		CARYOPHYLLENE OXIDE	0.04	<LOQ	<LOQ	
ALPHA-PINENE	0.04	1	0.1		BORNEOL	0.04	<LOQ	<LOQ	
TRANS-NEROLIDOL	0.02	<LOQ	<LOQ		BETA-CARYOPHYLLENE	0.04	6	0.6	
CAMPHENE	0.04	<LOQ	<LOQ		ALPHA-HUMULENE	0.04	3	0.3	
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	5	0.5		ALPHA TERPINEOL	0.04	<LOQ	<LOQ	
PULEGONE	0.04	<LOQ	<LOQ		Weight:				
ALPHA-PHELLANDRENE	0.04	<LOQ	<LOQ		0.5068g				
3-CARENE	0.04	<LOQ	<LOQ		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
NEROL	0.04	<LOQ	<LOQ		Analyzed Date : 05/18/23 16:24:43				
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	<LOQ	<LOQ						
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	<LOQ	<LOQ						
TERPINOLENE	0.04	<LOQ	<LOQ						
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	<LOQ	<LOQ						
CIS-NEROLIDOL	0.04	<LOQ	<LOQ						
CEDROL	0.04	<LOQ	<LOQ						
<b>Total (%)</b>			<b>1.7</b>						



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Sampled : 05/04/23 Total Amount : 1200 gram  
Sample Method : SOP Client Method

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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
AZADIRACHTIN	0.1	ppm	1	PASS	<LOQ	PERMETHRIN	0.1	ppm	0.2	PASS	<LOQ
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	PHOSMET	0.1	ppm	0.2	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	PROPRICONAZOLE	0.1	ppm	0.4	PASS	<LOQ
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<LOQ	PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
ACEPHATE	0.1	ppm	0.4	PASS	<LOQ	PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ
ACEQUINOXYL	0.1	ppm	2	PASS	<LOQ	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.1	ppm	0.4	PASS	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<LOQ	SPIROXAMINE	0.1	ppm	0.2	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ	THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
COUMAPHOS	0.1	ppm	1	PASS	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ	CAPTAN *	0.1	ppm	1	PASS	<LOQ
DAMINOZIDE	0.1	ppm	1	PASS	<LOQ	CHLORDANE *	0.1	ppm	1	PASS	<LOQ
BOSCALID	0.1	ppm	0.4	PASS	<LOQ	CHLORFENAPYR *	0.1	ppm	1	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ	CYFLUTHRIN *	0.1	ppm	1	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ	CYPERMETHRIN *	0.1	ppm	1	PASS	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	PASS	<LOQ	METHYL PARATHION *	0.1	ppm	0.2	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ	MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
DICHLORVOS	0.1	ppm	1	PASS	<LOQ	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<LOQ
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ						
DIMETHOMORPH	0.1	ppm	1	PASS	<LOQ	Weight:					
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ	0.5024g					
ETOFENPROX	0.1	ppm	0.4	PASS	<LOQ	Analysis Method :SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ	Analyzed Date :05/17/23 08:49:39					
FENHEXAMID	0.1	ppm	1	PASS	<LOQ						
FENOXICARB	0.1	ppm	0.2	PASS	<LOQ	Weight:					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ	0.5024g					
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ	Analysis Method :SOP.T.40.154.NY					
FLONICAMID	0.1	ppm	1	PASS	<LOQ	Analyzed Date :N/A					
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						
METHIACARB	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						
OXAMYL	0.1	ppm	1	PASS	<LOQ						

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**Erica Troy**  
Lab Director

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

Signature  
05/19/23



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 Residual Solvents	<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	200.1342
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: 0.023g  
Analysis Method : SOP.T.40.044.NY  
Analyzed Date : 05/08/23 17:59:24



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
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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: 0.8752g						Weight: 0.5024g					
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY					
Analyzed Date : N/A						Analyzed Date : N/A					

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	1	ug/g	<LOQ	PASS	2
ARSENIC	1	ug/g	<LOQ	PASS	0.2
CADMIUM	1	ug/g	<LOQ	PASS	0.3
CHROMIUM	10	ug/g	<LOQ	PASS	110
COPPER	10	ug/g	<LOQ	PASS	30
LEAD	1	ug/g	<LOQ	PASS	0.5
MERCURY	0.1	ug/g	<LOQ	PASS	0.1
NICKEL	1	ug/g	<LOQ	PASS	2
Weight: 0.5016g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analyzed Date : 05/08/23 14:50:17					