



Sample:AL30419001-001
Harvest/Lot ID: 150708FS
Batch#: 079-001
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

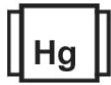
PRODUCT IMAGE



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
58.8786%



Total CBD
<LOQ



Total Cannabinoids
62.4729%

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	<LOQ	1.1475	<LOQ	<LOQ	<LOQ	0.9911	<LOQ	1.0993	<LOQ	57.9531	1.0554	0.2265
mg/unit	<LOQ	<LOQ	11.475	<LOQ	<LOQ	<LOQ	9.911	<LOQ	10.993	<LOQ	579.531	10.554	2.265
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:
0.122g

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



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Nanticoke Hemp Inc.

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

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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	1	0.1	
ALPHA-PINENE	0.04	<LOQ	<LOQ		BORNEOL	0.04	<LOQ	<LOQ	
TRANS-NEROLIDOL	0.02	<LOQ	<LOQ		BETA-CARYOPHYLLENE	0.04	>LOQ	>LOQ	
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	<LOQ	<LOQ		ALPHA TERPINEOL	0.04	<LOQ	<LOQ	
PULEGONE	0.04	n.a.	n.a.						
ALPHA-PHELLANDRENE	0.04	<LOQ	<LOQ		Weight:				
3-CARENE	0.04	n.a.	n.a.		0.5076g				
NEROL	0.04	<LOQ	<LOQ		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
ALPHA-TERPINENE	0.04	n.a.	n.a.		Analized Date : 04/21/23 16:20:25				
LINALOOL	0.04	1	0.1						
LIMONENE	0.04	4	0.4						
EUCALYPTOL	0.04	<LOQ	<LOQ						
ISOBORNEOL	0.04	<LOQ	<LOQ						
OCIMENE	0.04	<LOQ	<LOQ						
GAMMA TERPINEOL	0.04	n.a.	n.a.						
HEXAHYDROTHYMOL	0.04	<LOQ	<LOQ						
SABINENE HYDRATE	0.04	<LOQ	<LOQ						
GUAJOL	0.04	n.a.	n.a.						
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	n.a.	n.a.						
CIS-NEROLIDOL	0.04	n.a.	n.a.						
CEDROL	0.04	<LOQ	<LOQ						
Total (%)				1.7					



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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						
OXAMYL	0.1	ppm	1	PASS	<LOQ						

Weight:

0.4275g

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

Analyzed Date : N/A

Weight:

0.4275g

Analysis Method : SOP.T.40.154.NY

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



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 Residual Solvents	PASSED				
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: 0.0201g
Analysis Method : SOP.T.40.044.NY
Analyzed Date : 04/25/23 15:17:31



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PASSED

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
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 Microbial PASSED						 Mycotoxins PASSED					
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: 1.0552g 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: 0.4275g Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY Analyzed Date : 04/21/23 08:42:50					

 Heavy Metals PASSED					
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	0.3102	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	1.6254	PASS	2
Weight: 0.4234g Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY Analyzed Date : 04/21/23 15:09:45					

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Erica Troy
Lab Director

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

Signature
05/02/23