



Certificate of Analysis

Sample:KN10719002-002

Harvest/Lot ID: 0721008954

Seed to Sale# N/A

Batch Date: N/A

Batch#: 0721008954

Sample Size Received: 100 gram

Total Weight/Volume: N/A

Retail Product Size: 5 gram

Ordered : 07/15/21

sampled : 07/15/21

Completed: 07/20/21 Expires: 07/20/22

Sampling Method: SOP Client Method

PASSED

Page 1 of 4

Jul 20, 2021 | Moody Moon Hemp LLC

6101 W Stonepath Garden Dr,
Chester, VA, 23831

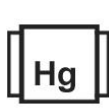
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

CANNABINOID RESULTS



Total THC
0.000%



Total d8-THC
0.485%



Total Cannabinoids
0.485%

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	<0.010	ND	ND	ND	ND	ND	<0.010	0.4850	ND	ND
mg/g	ND	<0.010	ND	ND	ND	ND	ND	<0.010	4.8500	ND	ND
LOD	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
142	1.1248g	NA	NA
Analyte	LOD	Result	
Filtration and Foreign Material	0.3	ND	
Analysis Method -SOP.T.40.013	Batch Date : 07/20/21 13:01:21		
Analytical Batch -KN001121FIL	Reviewed On - 07/20/21 13:12:00		
Instrument Used : E-AMS-138 Microscope			
Running On :			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2137g	07/19/21 01:07:33	946
Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA: 9.5%, TOTAL THC 11.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.			
Reviewed On -		Batch Date : 07/19/21 11:41:16	
07/20/21 09:58:10			
Analytical Batch -KN001113POT Instrument Used : HPLC E-SHI-008 Running On :			

Reagent	Dilution	Consumers. ID
120320.R02 071621.R01 071421.R01	40	94789291.217 12123-046CC-046

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). *Based on FL action limits.



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Moody Moon Hemp LLC

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Chester, VA, 23831

Telephone: (732)766-8690

Email: moodymoon108@gmail.com

Sample : KN10719002-002

Harvest/LOT ID: 0721008954

Batch# : 0721008954

Sampled : 07/15/21

Ordered : 07/15/21

Sample Size Received : 100 gram

Total Weight/Volume : N/A


Completed : 07/20/21 Expires: 07/20/22

Sample Method : SOP Client Method

Page 2 of 4

	<h2>Pesticides</h2>	<h2>PASSED</h2>
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Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
ACEPHATE	0.01	ppm	3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
BOSCALID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND	THIAMETHOXAM	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.01	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND					
CYPERMETHRIN	0.01	ppm	1	ND					
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.01	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.01	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.01	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.01	ppm	0.5	ND					
OXAMYL	0.01	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PERMETHRINS	0.01	ppm	1	ND					
PHOSMET	0.01	ppm	0.2	ND					



Pesticides

PASSED

Analyzed by 143	Weight 1.0718g	Extraction date 07/19/21 12:07:44	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060 , Analytical Batch - KN001112PES			
Instrument Used : E-SHI-125 Pesticides		Reviewed On- 07/20/21 13:12:00	
Running On :		Batch Date : 07/19/21 11:37:18	
Reagent 112420.03 060221.002 051621.014 071921.031 071921.032	Dilution 10	Consums. ID 200618634 94789291.217	

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). Analytes ISO pending. *Based on FL action limits. *

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Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation #
17025:2017



Signature

07/20/21

Signed On



Certificate of Analysis

PASSED
Moody Moon Hemp LLC

 6101 W Stonepath Garden Dr,
 Chester, VA, 23831

Telephone: (732)766-8690

Email: moodymoon108@gmail.com

Sample : KN10719002-002

Harvest/LOT ID: 0721008954

Batch# : 0721008954

Sampled : 07/15/21

Ordered : 07/15/21

Sample Size Received : 100 gram

Total Weight/Volume : N/A

Completed : 07/20/21 **Expires:** 07/20/22

Sample Method : SOP Client Method

Page 3 of 4

	Residual Solvents	PASSED
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Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm		PASS	ND

	Residual Solvents	PASSED
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Analyzed by 138	Weight 0.02054g	Extraction date 07/19/21 01:07:15	Extracted By 138
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Analysis Method -SOP.T.40.032
Analytical Batch -KN001107SOL **Reviewed On - 07/20/21 12:41:19**
Instrument Used : E-SHI-106 Residual Solvents
Running On : 07/14/21 15:06:35
Batch Date : 07/14/21 11:05:27

Reagent	Dilution	Consums. ID
		1065518282V1393

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. *Based on FL action limits.



Certificate of Analysis

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 Chester, VA, 23831

Telephone: (732)766-8690

Email: moodymoon108@gmail.com

Sample : KN10719002-002

Harvest/LOT ID: 0721008954

Batch# : 0721008954

Sampled : 07/15/21

Ordered : 07/15/21

Sample Size Received : 100 gram

Total Weight/Volume : N/A

Completed : 07/20/21 **Expires:** 07/20/22

Sample Method : SOP Client Method

Page 4 of 4

	Microbials	PASSED
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Analyte	LOD	Result
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.
ASPERGILLUS_FLAVUS		not present in 1 gram.
ASPERGILLUS_FUMIGATUS		not present in 1 gram.
ASPERGILLUS_NIGER		not present in 1 gram.
ASPERGILLUS_TERREUS		not present in 1 gram.

Analysis Method -SOP.T.40.043
Analytical Batch -KN001115MIC Batch Date : 07/19/21

Instrument Used : Micro E-HEW-069

Running On : 07/20/21

Analyzed by	Weight	Extraction date	Extracted By
142	1g	NA	NA

Reagent	Consums. ID
061021.01	003102
020821.04	
030421.01	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

	Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN001114MYC | Reviewed On - 07/20/21 09:10:11

Instrument Used : E-SHI-125 Mycotoxins

Running On :
Batch Date : 07/19/21 12:01:30

Analyzed by	Weight	Extraction date	Extracted By
143	1.0718g	07/20/21 09:07:54	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T.40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Analytes ISO pending. *Based on FL action limits.

	Heavy Metals	PASSED
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Reagent	Consums. ID
060221.R29	7226/0030021
052021.R19	210117060
040521.R03	
040521.R04	

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC-AS	0.02	ppm	ND	1.5
CADMIUM-CD	0.02	ppm	ND	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2859g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001116HEA | Reviewed On - 07/20/21 12:50:04

Instrument Used : Metals ICP/MS

Running On :
Batch Date : 07/19/21 16:11:05

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS. Analytes ISO Pending. *Based on FL action limits.

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Sue Ferguson

Lab Director

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 17025:2017



Signature

07/20/21

Signed On