



# Certificate of Analysis

Sample:KN10816007-004

Harvest/Lot ID: 305.T3

Seed to Sale# N/A

Batch Date: 07/26/21

Batch#: 305.T3

Sample Size Received: 15 gram

Total Weight/Volume: N/A

Retail Product Size: 30 ml

Ordered : 08/12/21

sampled : 08/12/21

Completed: 08/19/21 Expires: 08/19/22

Sampling Method: SOP Client Method

Aug 19, 2021 | Free Company, LLC

309 S. Narberth Ave, 3rd Floor  
Narberth, PA, 19072



**PASSED**  
Page 1 of 5

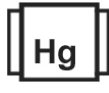
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

MISC.

CANNABINOID RESULTS



Total THC  
**0.221%**



Total CBD  
**8.704%**



Total Cannabinoids  
**9.882%**

**Filtration PASSED**

Analyzed By	Weight	Extraction date	Extracted By
142	0.6201g	NA	NA
Analyte		LOD	Result
Filtration and Foreign Material		0.3	ND
Analysis Method -SOP.T.40.013	Batch Date : 08/18/21 15:22:34		
Analytical Batch -KN001233FIL	Reviewed On - 08/18/21 15:33:03		
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.

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.049	<0.010	<0.010	0.194	8.7039	ND	0.714	0.2206	<0.010	<0.010	<0.010
mg/g	0.49	<0.010	<0.010	1.94	87.039	ND	7.14	2.206	<0.010	<0.010	<0.010
LOD	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2046g	08/17/21 01:08:29	113
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.			
Analytical Batch -KN001223POT Instrument Used : HPLC E-SHI-008		Running On :	Batch Date : 08/16/21 15:53:33
Reviewed On - 08/18/21 09:07:06			

Reagent	Dilution	Consums. ID
081321.R04	40	94789291.217
081021.R01		0030220
080221.R02		

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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**Sue Ferguson**  
Lab Director  
State License # n/a  
ISO Accreditation #  
17025:2017

*Sue Ferguson*  
Signature

08/19/21  
Signed On



10427 Cogdill Road, Suite 500  
Knoxville, TN, 37932, US  
DEA Number: RK0595249

# Certificate of Analysis

**PASSED**

Free Company, LLC

309 S. Narberth Ave, 3rd Floor  
Narberth, PA, 19072

Telephone: David Parvey

Email: info@wefreeco.com

Sample : KN10816007-004

Harvest/LOT ID: 305.T3

Batch# : 305.T3

Sampled : 08/12/21

Ordered : 08/12/21

Sample Size Received : 15 gram

Total Weight/Volume : N/A

Completed : 08/19/21 Expires: 08/19/22

Sample Method : SOP Client Method

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## Terpenes

**TESTED**

Terpenes	LOD(%)	mg/g	%	Result (%)
PULEGONE	0.007	ND	ND	
GAMMA-TERPINENE	0.007	ND	ND	
GERANIOL	0.007	ND	ND	
GERANYL ACETATE	0.007	ND	ND	
GUAJOL	0.007	ND	ND	
LIMONENE	0.007	< 0.2	< 0.020	
LINALOOL	0.007	< 0.2	< 0.020	
NEROL	0.007	ND	< 0.020	
OCIMENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND	
FENCHONE	0.007	ND	ND	
SABINENE	0.007	ND	ND	
SABINENE HYDRATE	0.007	ND	ND	
TERPINEOL	0.007	ND	ND	
TERPINOLENE	0.007	ND	ND	
TRANS-CARYOPHYLLENE	0.007	0.29	0.029	
TRANS-NEROLIDOL	0.007	ND	ND	
VALENCENE	0.007	< 0.2	< 0.020	
CEDROL	0.007	ND	ND	
ALPHA-HUMULENE	0.007	ND	< 0.020	
ALPHA-PINENE	0.007	0.25	0.025	
ALPHA-TERPINENE	0.007	ND	ND	
BETA-MYRCENE	0.007	0.59	0.059	
BETA-PINENE	0.007	< 0.2	< 0.020	
BORNEOL	0.013	ND	ND	
CAMPHENE	0.007	ND	ND	
CAMPHOR	0.013	ND	ND	
CARYOPHYLLENE OXIDE	0.007	< 0.2	< 0.020	
ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-BISABOLOL	0.007	0.26	0.026	
ISOPULEGOL	0.007	ND	ND	
<b>Total (%)</b>		0.188		

Terpenes	LOD(%)	mg/g	%	Result (%)
CIS-NEROLIDOL	0.007	ND	ND	
3-CARENE	0.007	ND	ND	
FENCHYL ALCOHOL	0.007	ND	ND	
HEXAHYDROTHYMOL	0.007	< 0.2	< 0.020	
EUCALYPTOL	0.007	ND	ND	
ISOBORNEOL	0.007	< 0.2	< 0.020	
FARNESENE	0.007	0.48	0.048	

## Terpenes

**TESTED**

Analyzed by	Weight	Extraction date	Extracted By
138	1.00468g	08/16/21 05:08:57	138

Analysis Method -SOP.T.40.090  
Analytical Batch -KN001221TER  
Instrument Used : E-SHI-109 Terpenes  
Running On :  
Batch Date : 08/16/21 13:11:33

Reagent	Dilution	Consums. ID
042721.01	10	P7473901 94789291.217 280083251 201230

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS. Analytes ISO Pending

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Sue Ferguson

Lab Director

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



Signature

08/19/21

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Harvest/LOT ID: 305.T3

Batch# : 305.T3

Sampled : 08/12/21

Ordered : 08/12/21


Sample Size Received : 15 gram

Total Weight/Volume : N/A

Completed : 08/19/21 Expires: 08/19/22

Sample Method : SOP Client Method


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## Pesticides

# PASSED

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	<0.050	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**

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<b>Analyzed by</b> 143	<b>Weight</b> 1.0127g	<b>Extraction date</b> 08/17/21 10:08:10	<b>Extracted By</b> 143
<b>Analysis Method</b> - SOP.T.30.060, SOP.T.40.060 , <b>Analytical Batch</b> - KN001225PES		<b>Reviewed On</b> - 08/18/21 15:33:03	
<b>Instrument Used</b> : E-SHI-125 Pesticides <b>Running On</b> : 08/17/21 10:50:52		<b>Batch Date</b> : 08/17/21 10:08:08	

---

<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
112420.04 080321.805 080321.815 081221.807 081221.801	10	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

*Sue Ferguson*  
Signature

08/19/21  
Signed On





10427 Cogdill Road, Suite 500  
Knoxville, TN, 37932, US  
DEA Number: RK0595249

# Certificate of Analysis

**PASSED**

Free Company, LLC

309 S. Narberth Ave, 3rd Floor  
Narberth, PA, 19072

Telephone: David Parvey

Email: info@wefreeco.com

Sample : KN10816007-004

Harvest/LOT ID: 305.T3

Batch# : 305.T3

Sampled : 08/12/21

Ordered : 08/12/21

Sample Size Received : 15 gram

Total Weight/Volume : N/A

Completed : 08/19/21 Expires: 08/19/22

Sample Method : SOP Client Method

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## Residual Solvents

PASSED



## Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	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 - 15 DIMETHYLBENZENE		ppm		PASS	ND

**Analyzed by** 138     **Weight** 0.02615g     **Extraction date** 08/17/21 02:08:55     **Extracted By** 138  
**Analysis Method -SOP.T.40.032**  
**Analytical Batch -KN001227SOL**     **Reviewed On - 08/18/21 16:12:26**  
**Instrument Used : E-SHI-106 Residual Solvents**  
**Running On : 08/17/21 16:43:56**  
**Batch Date : 08/17/21 10:49:09**

Reagent	Dilution	Consums. ID
		R2017.062
		G201-062

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.

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**Sue Ferguson**

Lab Director

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17025:2017



Signature

08/19/21

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Telephone: David Parvey

Email: info@wefreeco.com

Sample : KN10816007-004

Harvest/LOT ID: 305.T3

Batch# : 305.T3

Sampled : 08/12/21

Ordered : 08/12/21

Sample Size Received : 15 gram

Total Weight/Volume : N/A

Completed : 08/19/21 Expires: 08/19/22


Sample Method : SOP Client Method

Page 5 of 5



**Microbials**

**PASSED**



**Mycotoxins**

**PASSED**

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 -KN001224MIC Batch Date : 08/17/21  
Instrument Used : Micro E-HEW-069  
Running On : 08/18/21

Analyzed by	Weight	Extraction date	Extracted By
142	0.9952g	NA	NA

Reagent	Consums. ID
061821.01	003102
041621.02	
030421.02	

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.

Analyte	LOD	Units	Result	Action Level
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 -KN001226MYC | Reviewed On - 08/17/21 15:36:52  
Instrument Used : E-SHI-125 Mycotoxins  
Running On : 08/17/21 10:50:45  
Batch Date : 08/17/21 10:26:10

Analyzed by	Weight	Extraction date	Extracted By
143	1.0127g	08/17/21 10:08:33	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 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**

Reagent	Reagent	Dilution	Consums. ID
080421.R11	040521.R04	50	7226/0030021
052021.R19	080421.R12		210117060
031620.03			
061521.01			
080421.R13			
032621.R01			

Metal	LOD	Unit	Result	Action Level
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	0.2521g	08/18/21 10:08:03	12

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -KN001228HEA | Reviewed On - 08/19/21 12:35:51  
Instrument Used : Metals ICP/MS  
Running On :  
Batch Date : 08/17/21 13:23:15

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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