



# Certificate of Analysis

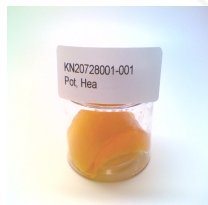
Sample: KN20728001-001  
Harvest/Lot ID: DS10MGG  
Batch#: DS01010  
Seed to Sale# N/A  
Batch Date: 07/18/22  
Sample Size Received: 10 units  
Total Batch Size: N/A  
Retail Product Size: 30 units  
Ordered : 07/18/22  
Sampled : 07/18/22  
Completed: 08/02/22  
Sampling Method: N/A

**PASSED**

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Aug 02, 2022 | TPFN LLC  
2 American Ct.  
Greenville, SC, 29609, US

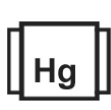
PRODUCT IMAGE



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

MISC.



Cannabinoid

**PASSED**



Total THC  
**0.2587%**



Total CBD  
**0.0487%**



Total Cannabinoids  
**0.3074%**

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	ND	ND	ND	<0.01	0.0487	ND	ND	ND	0.2587	<0.01	ND	ND	ND	ND	ND	ND
mg/unit	ND	ND	ND	<3	14.61	ND	ND	ND	77.61	<3	ND	ND	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2692

Weight: 0.2015g

Extraction date: 07/29/22 12:07:01

Extracted by: 2692

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 : KN002711POT  
Instrument Used : HPLC E-SHI-008  
Running on : N/A

Reviewed On : 08/01/22 14:57:06  
Batch Date : 07/28/22 12:54:25

Dilution : N/A  
Reagent : 121421.07; 081321.R04; 071322.R01; 063022.R02; 060622.33  
Consumables : 294033242; n/a; 947B9291.271; 200331059  
Pipette : E-GIL-011; E-GIL-013

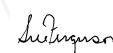
Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis). \*Based on FL action limits.

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Sue Ferguson

Lab Director

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



Signature

08/02/22

Signed On



# Certificate of Analysis

**PASSED**

TPFN LLC

2 American Ct.  
Greenville, SC, 29609, US  
Telephone: (864) 934-8514  
Email: josh@terpfusioncbd.com

Sample : KN20728001-001  
Harvest/Lot ID: DS10MGG

Batch# : DS01010  
Sampled : 07/18/22  
Ordered : 07/18/22

Sample Size Received : 10 units  
Total Batch Size : N/A  
Completed : 08/02/22 Expires: 08/02/23  
Sample Method : SOP Client Method

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## Pesticides

**PASSED**

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
						<b>Analyzed by:</b> N/A <b>Weight:</b> NA <b>Extraction date:</b> N/A <b>Extracted by:</b> N/A <b>Analysis Method :</b> SOP.T.30.060, SOP.T.40.060 <b>Analytical Batch :</b> N/A <b>Instrument Used :</b> N/A <b>Running on :</b> N/A <b>Dilution :</b> N/A <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> N/A <b>Reviewed On :</b> 08/02/22 12:17:01 <b>Batch Date :</b> N/A <small>Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.</small>					

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 Email: josh@terpfusioncbd.com

 Sample : KN20728001-001  
 Harvest/Lot ID: DS10MGG

 Batch# : DS01010  
 Sampled : 07/18/22  
 Ordered : 07/18/22

 Sample Size Received : 10 units  
 Total Batch Size : N/A  
 Completed : 08/02/22 Expires: 08/02/23  
 Sample Method : SOP Client Method

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## Residual Solvents

PASSED

Solvents	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 - DIMETHYLBENZENE	15	ppm	2170	PASS	ND

Analyzed by: N/A	Weight: N/A	Extraction date: N/A	Extracted by: N/A
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 Analysis Method : SOP.T.40.032  
 Analytical Batch : KN002710SOL  
 Instrument Used : E-SHI-106 Residual Solvents  
 Running on : N/A

 Reviewed On : 08/01/22 19:08:31  
 Batch Date : 07/28/22 10:13:47

 Dilution : N/A  
 Reagent : N/A  
 Consumables : N/A  
 Pipette : N/A

Residual solvents analysis 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). \*Based on FL action limits.

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**Sue Ferguson**

Lab Director

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Signature

08/02/22

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Greenville, SC, 29609, US  
Telephone: (864) 934-8514  
Email: josh@terpfusioncbd.com

Sample : KN20728001-001  
Harvest/Lot ID: DS10MGG

Batch# : DS01010  
Sampled : 07/18/22  
Ordered : 07/18/22

Sample Size Received : 10 units  
Total Batch Size : N/A  
Completed : 08/02/22 Expires: 08/02/23  
Sample Method : SOP Client Method

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	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
Analyzed by: 1692, 12	Weight: 1.0389g	Extraction date: 07/28/22 10:30:06	Extracted by: 1692			Analyzed by: N/A	Weight: NA	Extraction date: N/A	Extracted by: N/A		
<b>Analysis Method :</b> SOP.T.40.043 <b>Analytical Batch :</b> KN002706MIC <b>Instrument Used :</b> Micro E-HEW-069 <b>Running on :</b> N/A <b>Reviewed On :</b> 08/02/22 12:16:01 <b>Batch Date :</b> 07/27/22 08:57:12						<b>Analysis Method :</b> SOP.T.30.060, SOP.T.40.060 <b>Analytical Batch :</b> N/A <b>Instrument Used :</b> N/A <b>Running on :</b> N/A <b>Reviewed On :</b> 08/02/22 12:16:52 <b>Batch Date :</b> N/A					
<b>Dilution :</b> N/A <b>Reagent :</b> 070122.01; 062222.01; 122021.05 <b>Consumables :</b> P7530724 <b>Pipette :</b> N/A						<b>Dilution :</b> N/A <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> N/A					

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.

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). \*Based on FL action limits.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Metal	LOD	Units	Result	Pass / Fail	Action Level
Analyzed by: 2368, 12	Weight: 7g	Extraction date: N/A	Extracted by: N/A		
<b>Analysis Method :</b> SOP.T.40.050, SOP.T.30.052 <b>Analytical Batch :</b> KN002717HEA <b>Instrument Used :</b> Metals ICP/MS <b>Running on :</b> N/A <b>Reviewed On :</b> 08/02/22 12:15:50 <b>Batch Date :</b> 08/01/22 10:11:32					
<b>Dilution :</b> N/A <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> N/A					

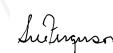
Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

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**Sue Ferguson**

Lab Director

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



Signature

08/02/22

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**PASSED**

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Greenville, SC, 29609, US  
Telephone: (864) 934-8514  
Email: josh@terpfusioncbd.com

Sample : KN20728001-001  
Harvest/Lot ID: DS10MGG

Batch# : DS01010  
Sampled : 07/18/22  
Ordered : 07/18/22

Sample Size Received : 10 units  
Total Batch Size : N/A  
Completed : 08/02/22 Expires: 08/02/23  
Sample Method : SOP Client Method

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**Filth/Foreign Material** **PASSED**

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by:	Weight:	Extraction date:	Extracted by:
1692	0.5198g	07/28/22 10:37:34	1692

Analysis Method : SOP.T.30.074, SOP.T.40.074  
Analytical Batch : KN002709FIL  
Instrument Used : E-AMS-138 Microscope  
Running on : N/A

Reviewed On : 07/28/22 11:29:38  
Batch Date : 07/28/22 09:27:09

Dilution : N/A  
Reagent : N/A  
Consumables : N/A  
Pipette : N/A

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

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