

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

1 of 6

#### 5mg D9 7163 Client Sample ID: SA-240213-35010 TPFN LLC Batch: 2023 Received: 02/16/2024 2 American Ct Type: Finished Product - Ingestible Completed: 03/01/2024 Matrix: Edible - Gummy Greenville, SC 29609 Unit Mass (g): 4.58602 USA Summary Test **Date Tested** Status 02/26/2024 Cannabinoids Tested 03/01/2024 Heavy Metals Tested Microbials 02/29/2024 Tested Mycotoxins 02/28/2024 Tested 02/28/2024 Pesticides Tested **Residual Solvents** 02/28/2024 Tested 0.0746 % 0.0746 % 0.0798 % Not Tested Not Tested Yes Moisture Content Total ∆9-THC Δ9-THC **Total Cannabinoids** Foreign Matter Internal Standard Normalization Cannabinoids by HPLC-PDA and/or GC-MS/MS LOD LOO Result Result Analyte (mg/unit) (%) (%) (%) CBC 0.00095 0.00284 ND ND CBCA 0.00181 0.00543 ND ND CBCV 0.0006 0.0018 ND ND CBD 0.00081 0.00242 ND ND CBDA 0.00043 0.0013 ND ND CBDV 0.00061 0.00182 ND ND CBDVA 0.00063 ND ND CBG 0.00057 0.00172 ND ND CBGA 0.00049 0.00147 ND ND CBL 0.00112 0.00335 ND ND CBLA 0.00124 0.00371 ND ND CBN 0.00056 0.00169 ND ND CBNA 0.0006 0.00181 ND ND ND CBT 0.0018 0.0054 ND 0.00104 0.00312 0.00521 A8-THC 0.239 ∆9-THC 0.00076 0.00227 0.0746 3.42 Δ9-THCA 0.00084 0.00251 ND ND Δ9-THCV 0.00069 0.00206 ND ND ∆9-THCVA 0.00062 0.00186 ND ND Total ∆9-THC 0.0746 3.42 0.0798 Total 3.66

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THCA \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone CCO Date: 03/01/2024

Tested By: Nicholas Howard

sted By: Nicholas Howard Scientist Date: 02/26/2024

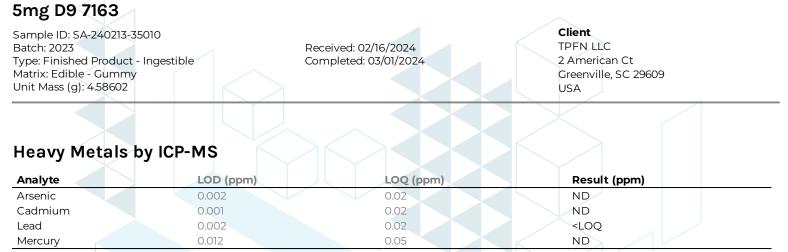


This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

2 of 6



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO Date: 03/01/2024

Tested By: Chris Farman

ested By: Chris Farmar Scientist Date: 03/01/2024



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

3 of 6

### 5mg D9 7163

Sample ID: SA-240213-35010 Batch: 2023 Type: Finished Product - Ingestible Matrix: Edible - Gummy Unit Mass (g): 4.58602

Received: 02/16/2024 Completed: 03/01/2024 **Client** TPFN LLC 2 American Ct Greenville, SC 29609 USA

## Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acequinocyl	30	100	ND	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Cypermethrin	30	100	ND	Prallethrin	30	100	ND
Daminozide	30	100	ND	Propiconazole	30	100	ND
Diazinon	30	100	ND	Propoxur	30	100	ND
Dichlorvos	30	100	ND	Pyrethrins	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Ethoprophos	30 🔨	100	ND	Spinosad	30	100	ND
Etofenprox	30	100	ND	Spiromesifen	30	100	ND
Etoxazole	30	100	ND	Spirotetramat	30	100	ND
Fenhexamid	30	100	ND	Spiroxamine	30	100	ND
Fenoxycarb	30	100	ND	Tebuconazole	30	100	ND
Fenpyroximate	30 <	100	ND	Thiacloprid	30	100	ND
Fipronil	30	100	ND	Thiamethoxam	30	100	ND
Flonicamid	30	100	ND	Trifloxystrobin	30	100	ND
Fludioxonil	30	100	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO Date: 03/01/2024

Tested By: Anthony Mattingly Scientist



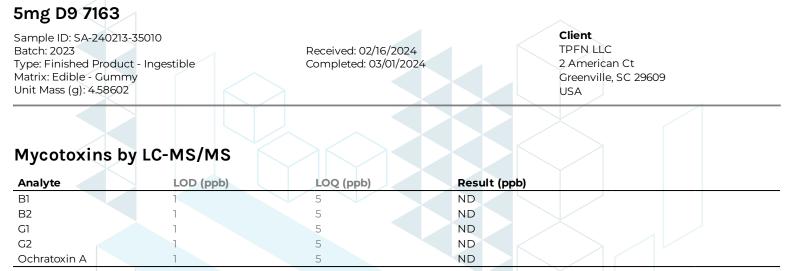
Date: 03/01/2024 Date: 02/28/2024 Date: 02/28/2024 Date: 02/28/2024 Date: 02/28/2024 This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

4 of 6



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO Date: 03/01/2024

Tested By: Anthony Mattingly Scientist



Date: 03/01/2024 Date: 02/28/2024
This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

5 of 6

## 5mg D9 7163

Sample ID: SA-240213-35010 Batch: 2023 Type: Finished Product - Ingestible Matrix: Edible - Gummy Unit Mass (g): 4.58602		d: 02/16/2024 ed: 03/01/2024	Client TPFN LLC 2 American Ct Greenville, SC 29609 USA		
Microbials by PCR and Pla		Result (CFU/g)	Result (Qualitative)		
Analyte	ating LOD (CFU/g) 10	Result (CFU/g)	Result (Qualitative)		
Analyte Total aerobic count		1	Result (Qualitative)		
Analyte Total aerobic count Total coliforms	LOD (CFU/g)	ND	Result (Qualitative)		
Microbials by PCR and Pla Analyte Total aerobic count Total coliforms Generic E. coli Salmonella spp.	LOD (CFU/g) 10 10	ND ND	Result (Qualitative)		

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone ссо Date: 03/01/2024

Tested By: Matt Zachman Laboratory Technician Date: 02/29/2024



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

6 of 6

### 5mg D9 7163

Sample ID: SA-240213-35010 Batch: 2023 Type: Finished Product - Ingestible Matrix: Edible - Gummy Unit Mass (g): 4.58602

Received: 02/16/2024 Completed: 03/01/2024 Client TPFN LLC 2 American Ct Greenville, SC 29609 USA

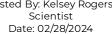
# **Residual Solvents by HS-GC-MS**

	5						
Analyte	LOD	LOQ	Result	Analyte	LOD	LOQ	Result
, and y to	(ppm)	(ppm)	(ppm)	t mining the	(ppm)	(ppm)	(ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO Date: 03/01/2024

Tested By: Kelsey Rogers Scientist





This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.