



**KCA Laboratories** 232 North Plaza Drive Nicholasville, KY 40356

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

#### D8 THCP

Sample ID: SA-220818-11293 Batch: Type: In-Process Materials Matrix: Concentrate - Distillate Unit Mass (q):

Received: 08/18/2022 Completed: 08/24/2022 Client

Terpfusion CBD 2 American Ct Greenville, SC 29609 USA



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Summary

Test **Date Tested Status** 08/24/2022 Cannabinoids Tested 08/24/2022 Heavy Metals **Tested** Pesticides 08/19/2022 **Tested** 

ND

Total Δ9-THC

81.3 %

Δ8-ΤΗСΡ

85.9 %

Total Cannabinoids

**Not Tested** 

Moisture Content

**Not Tested** 

Foreign Matter

Yes

Internal Standard Normalization

# Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

| Analyte      | LOD<br>(%) | LOQ<br>(%) | Result<br>(%) | Result<br>(mg/g) |
|--------------|------------|------------|---------------|------------------|
| CBC          | 0.0095     | 0.0284     | ND            | ND               |
| CBCA         | 0.0181     | 0.0543     | ND            | ND               |
| CBCV         | 0.006      | 0.0343     | ND<br>ND      | ND               |
| CBD          | 0.0081     | 0.016      | ND            | ND               |
|              |            |            |               |                  |
| CBDA         | 0.0043     | 0.013      | ND            | ND               |
| CBDV         | 0.0061     | 0.0182     | ND            | ND               |
| CBDVA        | 0.0021     | 0.0063     | ND            | ND               |
| CBG          | 0.0057     | 0.0172     | ND            | ND               |
| CBGA         | 0.0049     | 0.0147     | ND            | ND               |
| CBL          | 0.0112     | 0.0335     | ND            | ND               |
| CBLA         | 0.0124     | 0.0371     | ND            | ND               |
| CBN          | 0.0056     | 0.0169     | ND            | ND               |
| CBNA         | 0.006      | 0.0181     | ND            | ND               |
| CBT          | 0.018      | 0.054      | ND            | ND               |
| Δ8-ΤΗС       | 0.0104     | 0.0312     | ND            | ND               |
| Δ8-ΤΗСΡ      | 0.067      | 0.2        | 81.3          | 813              |
| Δ9-ΤΗС       | 0.0076     | 0.0227     | ND            | ND               |
| Δ9-ΤΗCΑ      | 0.0084     | 0.0251     | ND            | ND               |
| Δ9-ΤΗСΡ      | 0.067      | 0.2        | 4.61          | 46.1             |
| Δ9-THCV      | 0.0069     | 0.0206     | ND            | ND               |
| Δ9-ΤΗCVA     | 0.0062     | 0.0186     | ND            | ND               |
| Total Δ9-THC |            |            | ND            | ND               |
| Total CBD    |            |            | ND            | ND               |
| Total        |            |            | 85.9          | 859              |

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-THC4 \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone Commercial Director Date: 08/24/2022

Tested By: Scott Caudill Senior Scientist Date: 08/24/2022







ISO/IEC 17025:2017 Accredited Accreditation #108651



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### **Certificate of Analysis**

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## **Heavy Metals by ICP-MS**

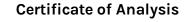
| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |  |
|---------|-----------|-----------|--------------|--|
| Arsenic | 2         | 20        | ND           |  |
| Cadmium | 1         | 20        | ND           |  |
| Lead    | 2         | 20        | ND           |  |
| Mercury | 12        | 50        | ND           |  |

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Generated By: Ryan Bellone Commercial Director Date: 08/24/2022 Tested By: Nicholas Howard Scientist Date: 08/24/2022







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### Pesticides by LC-MS/MS and GC-MS/MS

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

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Generated By: Ryan Bellone Commercial Director Date: 08/24/2022 Madulmu Mitchell

Tested By: Madeline Mitchell

Date: 08/19/2022



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.

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