

# Certificate of Analysis

PPK Investment Group dba Country Cannabis Hemp

Sample: 2508OKCTL2480.20344

8178 E 44th St  
Tulsa, OK 74145  
joe@countrycannabis.com  
(714) 782-4348  
Lic. #

Date Collected:  
08/25/2025  
Sample Received:  
08/25/2025  
Report Created:  
08/29/2025

External Batch:  
TCBN825  
METRC Sample:  
  
METRC Source Package #:

## TANGERINE CBN GUMMIES

Strain: TANGERINE

Ingestible, Soft Chew;  
Sample Weight: 10 units



### Summary

| Test              | Result   |
|-------------------|----------|
| Cannabinoids      | Complete |
| Terpenes          | Complete |
| Residual Solvents | Pass     |
| Microbials        | Pass     |
| Mycotoxins        | Pass     |
| Pesticides        | Pass     |
| Heavy Metals      | Pass     |

### Terpenes

Date Tested: 08/28/2025

Instrument: GC-MS  
Analyst: SM

| Analyte             | LOQ   | Mass  | Analyte        | LOQ   | Mass         |
|---------------------|-------|-------|----------------|-------|--------------|
|                     | %     | %     |                | %     | %            |
| Orange              |       |       |                |       |              |
| Limonene            | 0.040 | 0.129 | Eucalyptol     | 0.040 | ND           |
| 3-Carene            | 0.040 | ND    | γ-Terpinene    | 0.040 | ND           |
| α-Bisabolol         | 0.040 | ND    | Geraniol       | 0.040 | ND           |
| α-Humulene          | 0.040 | ND    | Linalool       | 0.040 | ND           |
| α-Pinene            | 0.040 | ND    | Nerolidol      | 0.040 | ND           |
| α-Terpinene         | 0.040 | ND    | (-)-Guaiaol    | 0.040 | ND           |
| β-Caryophyllene     | 0.040 | ND    | (-)-Isopulegol | 0.040 | ND           |
| β-Myrcene           | 0.040 | ND    | Phytol         | 0.040 | NT           |
| β-Pinene            | 0.040 | ND    | p-Cymene       | 0.040 | ND           |
| Camphene            | 0.040 | ND    | Terpinolene    | 0.040 | ND           |
| Caryophyllene Oxide | 0.040 | ND    | trans-Ocimene  | 0.040 | ND           |
| cis-Ocimene         | 0.040 | ND    | <b>Total</b>   |       | <b>0.129</b> |

### Cannabinoids

Date Tested: 08/29/2025

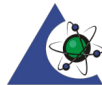
Instrument: HPLC  
Analyst: MP

|                                  |                                   |                                            |
|----------------------------------|-----------------------------------|--------------------------------------------|
| <b>4.54 mg/unit</b><br>Total THC | <b>11.32 mg/unit</b><br>Total CBD | <b>31.96 mg/unit</b><br>Total Cannabinoids |
|----------------------------------|-----------------------------------|--------------------------------------------|

| Analyte      | LOQ     | Mass         | Mass       |
|--------------|---------|--------------|------------|
|              | mg/unit | mg/unit      | mg/g       |
| CBC          | 0.20    | ND           | ND         |
| CBD          | 0.20    | 11.32        | 2.83       |
| CBDa         | 0.20    | ND           | ND         |
| CBDV         | 0.20    | <LOQ         | <LOQ       |
| CBG          | 0.20    | ND           | ND         |
| CBGa         | 0.20    | <LOQ         | <LOQ       |
| CBN          | 0.20    | 16.10        | 4.02       |
| Δ8-THC       | 0.20    | ND           | ND         |
| Δ9-THC       | 0.20    | 4.54         | 1.13       |
| THCa         | 0.20    | ND           | ND         |
| THCV         | 0.20    | ND           | ND         |
| THCVa        | 0.20    | ND           | ND         |
| <b>Total</b> |         | <b>31.96</b> | <b>8.0</b> |

1 Unit = 4.00g  
Total THC = THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD; Total CBG = CBGa \* 0.878 + CBG; Total THCV = THCVa \* 0.867 + THCV; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.  
SOP.00003 Potency, HPLC/DAD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP.00006 Terpenes, GC-MS NT: Not Tested Notes:



PPK Investment Group dba Country Cannabis Hemp Sample: 2508OKCTL2480.20344

## Definitions of Abbreviated Terms

FM= foreign material; GC-MS= gas chromatography-mass spectrometry; g= grams; HPLC= high-performance liquid chromatography; ICP-MS= inductively coupled plasma mass spectrometry; LC-MS/MS= liquid chromatography-tandem mass spectrometry; <LOQ= below lower limit of quantitation; mg= milligram; ND= not detected; NT=not tested; PCR= polymerase chain reaction; %= percent; PPB= parts per billion; PPM= parts per million; R&D= research and development; >ULOQ= above upper limit of quantitation; #=number

## TANGERINE CBN GUMMIES

Strain: TANGERINE

## Amendment History

## Pesticides

Instrument: LC-MS/MS  
Analyst: KW

Pass

Date Tested: 08/29/2025

| Analyte       | LOQ   | Allowable Threshold | Mass | Status |
|---------------|-------|---------------------|------|--------|
|               | PPM   | PPM                 | PPM  |        |
| Abamectin     | 0.250 | 0.500               | ND   | Pass   |
| Azoxystrobin  | 0.100 | 0.200               | ND   | Pass   |
| Bifenazate    | 0.100 | 0.200               | ND   | Pass   |
| Etiozole      | 0.100 | 0.200               | ND   | Pass   |
| Imazalil      | 0.100 | 0.200               | ND   | Pass   |
| Imidacloprid  | 0.200 | 0.400               | ND   | Pass   |
| Malathion     | 0.100 | 0.200               | ND   | Pass   |
| Myclobutanil  | 0.100 | 0.200               | ND   | Pass   |
| Permethrins   | 0.000 | 0.200               | ND   | Pass   |
| Spinosad      | 0.000 | 0.200               | ND   | Pass   |
| Spiromesifen  | 0.100 | 0.200               | ND   | Pass   |
| Spirotetramat | 0.100 | 0.200               | ND   | Pass   |
| Tebuconazole  | 0.200 | 0.400               | ND   | Pass   |

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP.00010 Pesticide and Mycotoxins, LC-MSMS

## Microbials

Instrument: qPCR/Plating  
Analyst: JW

Pass

Date Tested: 08/26/2025

| Analyte               | LOQ   | Allowable Threshold | Mass   | Status |
|-----------------------|-------|---------------------|--------|--------|
|                       | CFU/g | CFU/g               | CFU/g  |        |
| Aspergillus flavus    | 1     | 1                   | Absent | Pass   |
| Aspergillus fumigatus | 1     | 1                   | Absent | Pass   |
| Aspergillus niger     | 1     | 1                   | Absent | Pass   |
| Aspergillus terreus   | 1     | 1                   | Absent | Pass   |
| Salmonella            | 1     | 1                   | Absent | Pass   |
| Shiga Toxin E. Coli   | 1     | 1                   | ND     | Pass   |
| Yeast & Mold          | 1000  | 10000               | ND     | Pass   |

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP.00026 Micro, Plating and PCR

## Heavy Metals

Instrument: ICP-MS  
Analyst: GD

Pass

Date Tested: 08/28/2025

| Analyte | LOQ   | Allowable Threshold | Mass | Status |
|---------|-------|---------------------|------|--------|
|         | PPM   | PPM                 | PPM  |        |
| Arsenic | 0.100 | 1.500               | ND   | Pass   |
| Cadmium | 0.100 | 0.500               | ND   | Pass   |
| Lead    | 0.250 | 1.000               | ND   | Pass   |
| Mercury | 0.050 | 1.500               | ND   | Pass   |

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP.00001 Heavy Metals, ICP-MS

## Residual Solvents

Instrument: GC-MS  
Analyst: PB

Pass

Date Tested: 08/28/2025

| Analyte       | LOQ    | Allowable Threshold | Mass | Status | Analyte  | LOQ   | Allowable Threshold | Mass | Status |
|---------------|--------|---------------------|------|--------|----------|-------|---------------------|------|--------|
|               | PPM    | PPM                 | PPM  |        |          | PPM   | PPM                 | PPM  |        |
| Acetone       | 50.0   | 1000.0              | ND   | Pass   | Methanol | 300.0 | 600.0               | <LOQ | Pass   |
| Benzene       | 1.0    | 2.0                 | ND   | Pass   | n-Hexane | 30.0  | 60.0                | ND   | Pass   |
| Butanes       | 500.0  | 1000.0              | ND   | Pass   | o-Xylene | 25.0  |                     | ND   | Tested |
| Ethanol       | 2500.0 |                     | <LOQ | Tested | Pentane  | 500.0 | 1000.0              | ND   | Pass   |
| Ethyl-Acetate | 500.0  | 1000.0              | ND   | Pass   | Propane  | 500.0 | 1000.0              | ND   | Pass   |
| Heptanes      | 500.0  | 1000.0              | ND   | Pass   | Toluene  | 90.0  | 180.0               | ND   | Pass   |
| Isopropanol   | 500.0  | 1000.0              | ND   | Pass   | Xylenes  | 215.0 | 430.0               | ND   | Pass   |
| m-p Xylene    | 25.0   |                     | ND   | Tested |          |       |                     |      |        |

SOP.00030 Residual Solvent MSD, GC-MS

## Mycotoxins

Instrument: LC-MS/MS  
Analyst: KW

Pass

Date Tested: 08/29/2025

| Analyte      | LOQ    | Allowable Threshold | Mass | Status |
|--------------|--------|---------------------|------|--------|
|              | PPB    | PPB                 | PPB  |        |
| Aflatoxins   | 10,000 | 20,000              | ND   | Pass   |
| B1           |        |                     | ND   | Tested |
| B2           |        |                     | ND   | Tested |
| G1           |        |                     | ND   | Tested |
| G2           |        |                     | ND   | Tested |
| Ochratoxin A | 10,000 | 20,000              | ND   | Pass   |

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP.00010 Pesticide and Mycotoxins, LC-MSMS

3158 S 108th E Ave Suite 290  
Tulsa, OK  
(918) 872-7015  
http://www.okctl.com  
Lic# LAAA-N1FX-P5VY



ISO/IEC 17025:2017  
Accreditation No.: 108270

Ben Cortez  
Medical Laboratory Director



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coa.support@confidentlims.com  
(866) 506-5866  
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