

## ANALYZED BY:

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## CUSTOMER:

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2711 S I-35 service Rd  
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0104 2025

## MANUFACTURER:

Zen Nutraceuticals LLC.  
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Oklahoma City 73129  
0104 2025



## SAMPLE INFORMATION

**Sample No.:** 1364904  
**Product Name:** Gummy - ZEN CBD+ - NiteNite  
**Matrix:** Grape 1300mg  
**Lot #:** Edible (Gummy)  
CBDUS08-002

**Date Collected:** 12/02/2025  
**Date Received:** 12/01/2025  
**Date Reported:** 12/05/2025

## TEST SUMMARY

**Cannabinoid Profile:** ✔ Tested  
**Residual Solvent Screen:** ✔ Pass  
**Foreign Material:** ✔ Pass

**Pesticide Residue Screen:** ✔ Pass  
**Heavy Metal Screen:** ✔ Pass  
**Mycotoxin Screen:** ✔ Pass

## Cannabinoid Profile ✔ Tested

12/03/2025

**Method:** MF-CHEM-15  
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Limit of Detection** 0.0333 mg/g  
**Limit of Quantitation** 0.1000 mg/g

| Cannabinoid               | mg/g    | %     | mg/serving | mg/package | Labeled mg/serving | % Difference |
|---------------------------|---------|-------|------------|------------|--------------------|--------------|
| Δ8-THC                    | ND      | ND    | ND         | ND         | -                  | -            |
| Δ9-THC                    | 1.72    | 0.172 | 10.47      | 261.69     | 10                 | 4.67         |
| Δ9-THCA                   | ND      | ND    | ND         | ND         | -                  | -            |
| THCV                      | ND      | ND    | ND         | ND         | -                  | -            |
| THCVA                     | ND      | ND    | ND         | ND         | -                  | -            |
| CBD                       | 6.26    | 0.626 | 38.11      | 952.65     | 40                 | 4.73         |
| CBDA                      | ND      | ND    | ND         | ND         | -                  | -            |
| CBC                       | <LOQ    | <LOQ  | <LOQ       | <LOQ       | -                  | -            |
| CBCA                      | ND      | ND    | ND         | ND         | -                  | -            |
| CBDV                      | ND      | ND    | ND         | ND         | -                  | -            |
| CBG                       | <LOQ    | <LOQ  | <LOQ       | <LOQ       | -                  | -            |
| CBGA                      | ND      | ND    | ND         | ND         | -                  | -            |
| CBN                       | 0.74    | 0.074 | 4.51       | 112.72     | 2                  | 125.45       |
| Exo-THC                   | ND      | ND    | ND         | ND         | -                  | -            |
| (6aR,9R)-Δ10-THC          | ND      | ND    | ND         | ND         | -                  | -            |
| (6aR,9S)-Δ10-THC          | ND      | ND    | ND         | ND         | -                  | -            |
| 9(R)-Hexahydrocannabinol  | ND      | ND    | ND         | ND         | -                  | -            |
| 9(S)-Hexahydrocannabinol  | ND      | ND    | ND         | ND         | -                  | -            |
| Δ8-THC-O-Acetate          | ND      | ND    | ND         | ND         | -                  | -            |
| Δ9-THC-O-Acetate          | ND      | ND    | ND         | ND         | -                  | -            |
| THC-O-Phosphate           | NT      | NT    | NT         | NT         | -                  | -            |
| Total THC                 | 1.72    | 0.172 | 10.47      | 261.69     | -                  | -            |
| Total CBD                 | 6.26    | 0.626 | 38.11      | 952.65     | -                  | -            |
| Total Cannabinoids        | 8.72    | 0.872 | 53.08      | 1327.06    | -                  | -            |
| Sum of Cannabinoids       | 8.72    | 0.872 | 53.08      | 1327.06    | -                  | -            |
| <b>Serving Weight (g)</b> | 6.085   |       |            |            |                    |              |
| <b>Package Weight (g)</b> | 152.125 |       |            |            |                    |              |

Total THC = Δ8-THC + Δ9-THC + (0.877 \* THCA)

Total CBD = CBD + (0.877 \* CBDA)

Total Cannabinoids =  $\Sigma$  (neutral cannabinoids) + [0.877 \*  $\Sigma$  (acidic cannabinoids)]

**Comment(s):** This result of this sample is confirmed with a retest.

**Pesticide Residue Screen** ✔ Pass

12/05/2025

**Instrument:** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte                 | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|-------------------------|----------------|-----------------|--------------|--------|
| Abamectin               | 0.04/0.10      | ND              | 0.1          | Pass   |
| Acephate                | 0.02/0.06      | ND              | 0.06         | Pass   |
| Acequinocyl             | 0.04/0.10      | ND              | 0.1          | Pass   |
| Acetamiprid             | 0.017/0.05     | ND              | 0.05         | Pass   |
| Aldicarb                | 0.02/0.06      | ND              | 0.06         | Pass   |
| Azoxystrobin            | 0.02/0.06      | ND              | 0.06         | Pass   |
| Bifenazate              | 0.02/0.06      | ND              | 0.06         | Pass   |
| Bifenthrin              | 0.04/0.10      | ND              | 0.1          | Pass   |
| Boscalid                | 0.02/0.06      | ND              | 0.06         | Pass   |
| Captan                  | 0.20/0.60      | ND              | 0.7          | Pass   |
| Carbaryl                | 0.02/0.06      | ND              | 0.06         | Pass   |
| Carbofuran              | 0.017/0.05     | ND              | 0.05         | Pass   |
| Chlorantraniliprole     | 0.02/0.06      | ND              | 0.06         | Pass   |
| Chlordane               | 0.02/0.06      | ND              | 0.06         | Pass   |
| Chlorfenapyr            | 0.02/0.06      | ND              | 0.06         | Pass   |
| Chlorpyrifos            | 0.02/0.06      | ND              | 0.06         | Pass   |
| Clofentezine            | 0.02/0.06      | ND              | 0.1          | Pass   |
| Coumaphos               | 0.02/0.06      | ND              | 0.06         | Pass   |
| Cyfluthrin              | 0.04/0.10      | ND              | 0.1          | Pass   |
| Cypermethrin            | 0.04/0.10      | ND              | 0.1          | Pass   |
| Daminozide              | 0.017/0.05     | ND              | 0.05         | Pass   |
| DDVP (Dichlorvos)       | 0.013/0.04     | ND              | 0.04         | Pass   |
| Diazinon                | 0.017/0.05     | ND              | 0.05         | Pass   |
| Dimethoate              | 0.017/0.05     | ND              | 0.05         | Pass   |
| Dimethomorph            | 0.017/0.05     | ND              | 0.05         | Pass   |
| Ethoprop(hos)           | 0.02/0.06      | ND              | 0.06         | Pass   |
| Etofenprox              | 0.02/0.06      | ND              | 0.06         | Pass   |
| Etoxazole               | 0.02/0.06      | ND              | 0.06         | Pass   |
| Fenhexamid              | 0.017/0.05     | ND              | 0.05         | Pass   |
| Fenoxycarb              | 0.02/0.06      | ND              | 0.06         | Pass   |
| Fenpyroximate           | 0.02/0.06      | ND              | 0.1          | Pass   |
| Fipronil                | 0.02/0.06      | ND              | 0.06         | Pass   |
| Flonicamid              | 0.02/0.06      | ND              | 0.06         | Pass   |
| Fludioxonil             | 0.02/0.06      | ND              | 0.06         | Pass   |
| Hexythiazox             | 0.02/0.06      | ND              | 0.06         | Pass   |
| Imazalil                | 0.02/0.06      | ND              | 0.06         | Pass   |
| Imidacloprid            | 0.02/0.06      | ND              | 0.06         | Pass   |
| Kresoxim Methyl         | 0.02/0.06      | ND              | 0.06         | Pass   |
| Malathion               | 0.017/0.05     | ND              | 0.05         | Pass   |
| Metalaxyl               | 0.017/0.05     | ND              | 0.05         | Pass   |
| Methiocarb              | 0.02/0.06      | ND              | 0.06         | Pass   |
| Methomyl                | 0.013/0.04     | ND              | 0.04         | Pass   |
| Methyl parathion        | 0.02/0.06      | ND              | 0.06         | Pass   |
| Mevinphos               | 0.02/0.06      | ND              | 0.06         | Pass   |
| Myclobutanil            | 0.02/0.06      | ND              | 0.06         | Pass   |
| Naled                   | 0.02/0.05      | ND              | 0.1          | Pass   |
| Oxamyl                  | 0.013/0.04     | ND              | 0.04         | Pass   |
| Paclobutrazol           | 0.02/0.06      | ND              | 0.06         | Pass   |
| Pentachloronitrobenzene | 0.02/0.05      | ND              | 0.1          | Pass   |
| Permethrins             | 0.04/0.10      | ND              | 0.1          | Pass   |
| Phosmet                 | 0.02/0.06      | ND              | 0.06         | Pass   |
| Piperonyl Butoxide      | 0.017/0.05     | ND              | 0.05         | Pass   |
| Prallethrin             | 0.04/0.10      | ND              | 0.1          | Pass   |
| Propiconazole           | 0.02/0.06      | ND              | 0.06         | Pass   |
| Propoxur                | 0.013/0.04     | ND              | 0.04         | Pass   |
| Pyrethrins              | 0.15/0.50      | ND              | 0.5          | Pass   |
| Pyridaben               | 0.017/0.05     | ND              | 0.05         | Pass   |
| Spinetoram              | 0.02/0.06      | ND              | 0.06         | Pass   |
| Spinosad                | 0.02/0.06      | ND              | 0.1          | Pass   |
| Spiromesifen            | 0.04/0.10      | ND              | 0.1          | Pass   |
| Spirotetramat           | 0.02/0.06      | ND              | 0.06         | Pass   |
| Spiroxamine             | 0.017/0.05     | ND              | 0.05         | Pass   |

| Analyte         | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|-----------------|----------------|-----------------|--------------|--------|
| Tebuconazole    | 0.02/0.06      | ND              | 0.06         | Pass   |
| Thiadoprid      | 0.013/0.04     | ND              | 0.04         | Pass   |
| Thiamethoxam    | 0.02/0.06      | ND              | 0.06         | Pass   |
| Trifloxystrobin | 0.02/0.06      | ND              | 0.06         | Pass   |

## Residual Solvent Screen ✓ Pass

12/05/2025

**Method:** MF-CHEM-32

**Instrument:** Gas Chromatography Mass Spectrometry (GC/MS)

| Analyte                              | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|--------------------------------------|---------------|----------------|-------------|--------|
| 1,2-Dichloroethane                   | 0.5/0.5       | ND             | 1           | Pass   |
| Acetone                              | 57/200        | ND             | 5000        | Pass   |
| Acetonitrile                         | 56/200        | ND             | 410         | Pass   |
| Benzene                              | 0.5/0.5       | ND             | 1           | Pass   |
| n-Butane                             | 45/200        | ND             | 800         | Pass   |
| Chloroform                           | 0.5/0.5       | ND             | 1           | Pass   |
| Ethanol                              | 37/200        | ND             | 5000        | Pass   |
| Ethyl acetate                        | 38/200        | ND             | 5000        | Pass   |
| Ethyl ether                          | 37/200        | ND             | 5000        | Pass   |
| Ethylene oxide                       | 0.1/0.5       | ND             | 1           | Pass   |
| n-Heptane                            | 67/200        | ND             | 500         | Pass   |
| n-Hexane                             | 49/200        | ND             | 100         | Pass   |
| Isopropyl alcohol                    | 57/200        | ND             | 5000        | Pass   |
| Methanol                             | 37/200        | ND             | 3000        | Pass   |
| Methylene chloride                   | 0.1/0.5       | ND             | 1           | Pass   |
| n-Pentane                            | 37/200        | ND             | 5000        | Pass   |
| Propane                              | 72/200        | ND             | 5000        | Pass   |
| Toluene                              | 49/200        | ND             | 890         | Pass   |
| Total xylenes (ortho-, meta-, para-) | 58/200        | ND             | 2170        | Pass   |
| Trichloroethylene                    | 0.5/0.5       | ND             | 1           | Pass   |

## Heavy Metal Screen ✓ Pass

12/05/2025

**Method:** MF-CHEM-16

**Instrument:** Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---------|----------------|-----------------|--------------|--------|
| Arsenic | 0.033/0.101    | ND              | 0.5          | Pass   |
| Cadmium | 0.047/0.141    | ND              | 0.5          | Pass   |
| Mercury | 0.014/0.05     | ND              | 0.5          | Pass   |
| Lead    | 0.107/0.324    | ND              | 0.5          | Pass   |

## Foreign Material ✓ Pass

12/05/2025

**Method:** MF-CHEM-7

| Analyte                        | Findings | Limit    | Status |
|--------------------------------|----------|----------|--------|
| Sand, Soils, Cinders, and Dirt | ND       | 25%      | Pass   |
| Mold                           | ND       | 25%      | Pass   |
| Imbedded Foreign Material      | ND       | 25%      | Pass   |
| Insect Fragment                | ND       | 1 per 3g | Pass   |
| Hair                           | ND       | 1 per 3g | Pass   |
| Mammalian Excreta              | ND       | 1 per 3g | Pass   |

## Mycotoxin Screen ✓ Pass

12/05/2025

**Instrument:** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte      | LOD/LOQ (µg/kg) | Findings (µg/kg) | Limit (µg/kg) | Status |
|--------------|-----------------|------------------|---------------|--------|
| Aflatoxin B1 | 2/5             | ND               | 20            | Pass   |
| Aflatoxin B2 | 2/5             | ND               | 20            | Pass   |
| Aflatoxin G1 | 2/5             | ND               | 20            | Pass   |
| Aflatoxin G2 | 2/5             | ND               | 20            | Pass   |
| Ochratoxin A | 6/18            | ND               | 20            | Pass   |

ND = None Detected  
LOD = Limit of Detection  
LOQ = Limit of Quantitation

Reported by



Vu Lam  
Lab Co Director



Scan to verify