



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

|   |  |   |  |
|---|--|---|--|
| <b>DIET TOKE</b><br>4365 Dorchester Rd, STE 304<br>North Charleston, SC 29405 | Batch # DT294-55-A1<br>Batch Date: 2022-09-15<br>Extracted From: Hemp                  | Test Reg State: Florida                               | Production Facility: Diet Toke                         |
| Order # DIE220919-200001<br>Order Date: 2022-09-19<br>Sample # AADL388        | Sampling Date: 2022-09-21<br>Lab Batch Date: 2022-09-21<br>Completion Date: 2022-09-26 | Initial Gross Weight: 12.890 g<br>Net Weight: 0.843 g | Number of Units: 1<br>Net Weight per Unit: 1000.000 mg |



Product Image

Potency Tested HHCP Tested Terpenes Tested

## Potency 21 (LCUV)

Specimen Weight: 54.890 mg

Tested SOP13.002 (LCUV)

| Analyte               | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%)    |
|-----------------------|----------------|---------|---------|---------------|--------|
| CBN                   | 10.000         | 1.40E-5 | 0.0015  | 3.0660        | 0.3066 |
| Delta-8 THC           | 10.000         | 2.60E-5 | 0.0015  | 2.8500        | 0.2850 |
| CBT                   | 10.000         | 2.00E-4 | 0.0015  | 0.8940        | 0.0894 |
| CBC                   | 100.000        | 1.80E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBCA                  | 10.000         | 1.07E-4 | 0.0015  | <LOQ          | <LOQ   |
| CBD                   | 10.000         | 5.40E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBDA                  | 10.000         | 1.00E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBDV                  | 10.000         | 6.50E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBDVA                 | 10.000         | 1.40E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBG                   | 10.000         | 2.48E-4 | 0.0015  | <LOQ          | <LOQ   |
| CBGA                  | 10.000         | 8.00E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBL                   | 10.000         | 3.50E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBNA                  | 10.000         | 9.50E-5 | 0.0015  | <LOQ          | <LOQ   |
| Delta-8 THC-O Acetate | 10.000         | 2.70E-5 | 0.0003  | <LOQ          | <LOQ   |
| Delta-8 THCV          | 10.000         | 4.00E-5 | 0.0015  | <LOQ          | <LOQ   |
| Delta-9 THC           | 10.000         | 1.30E-5 | 0.0015  | <LOQ          | <LOQ   |
| Delta-9 THC-O Acetate | 10.000         | 7.70E-5 | 0.0003  | <LOQ          | <LOQ   |
| Exo-THC               | 10.000         | 2.30E-4 | 0.0015  | <LOQ          | <LOQ   |
| THCA                  | 10.000         | 3.20E-5 | 0.0015  | <LOQ          | <LOQ   |
| THCV                  | 10.000         | 7.00E-6 | 0.0015  | <LOQ          | <LOQ   |
| THCVA                 | 10.000         | 4.70E-5 | 0.0015  | <LOQ          | <LOQ   |

## Potency Summary

|  |   |
|--|---|
| <b>78.432%</b> Total HHC<br>784.320mg          | <b>-</b> Total Active THC<br>None Detected  |
| <b>-</b> Total Active CBD<br>None Detected     | <b>-</b> Total CBG<br>None Detected         |
| <b>0.307%</b> Total CBN<br>3.070mg             | <b>0.374%</b> Other Cannabinoids<br>3.740mg |
| <b>79.113%</b> Total Cannabinoids<br>791.130mg |   |

## Terpenes Summary

| Analyte             | Result (mg/g) | (%)    |
|---------------------|---------------|--------|
| (R)-(+)-Limonene    | 41.23         | 4.123% |
| trans-Caryophyllene | 5.95          | 0.595% |
| Fenchone            | 5.8           | 0.58%  |
| beta-Pinene         | 3.71          | 0.371% |
| alpha-Pinene        | 2.17          | 0.217% |
| alpha-Bisabolol     | 1.84          | 0.184% |
| alpha-Humulene      | 1.59          | 0.159% |
| beta-Myrcene        | 1.11          | 0.111% |
| Caryophyllene oxide | 1.11          | 0.111% |

**Total Terpenes: 6.451%**

Detailed Terpenes Analysis is on the following page

Xueli Gao Lab Toxicologist  
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, + HHC Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

**DIET TOKE**  
4365 Dorchester Rd, STE 304  
North Charleston, SC 29405

Batch # DT294-55-A1  
Batch Date: 2022-09-15  
Extracted From: Hemp

Test Reg State: Florida

Production Facility: Diet Toke

Order # DIE220919-200001  
Order Date: 2022-09-19  
Sample # AADL388

Sampling Date: 2022-09-21  
Lab Batch Date: 2022-09-21  
Completion Date: 2022-09-26

Initial Gross Weight: 12.890 g  
Net Weight: 0.843 g

Number of Units: 1  
Net Weight per Unit: 1000.000 mg



## Terpenes

Specimen Weight: 45.880 mg

Tested

SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

| Analyte             | LOQ (%) | Result (mg/g) | (%)   | Analyte          | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|-------|------------------|---------|---------------|-----|
| (R)-(+)-Limonene    | 0.002   | 41.230        | 4.123 | Farnesene        | 0.002   | <LOQ          |     |
| trans-Caryophyllene | 0.002   | 5.950         | 0.595 | Fenchyl Alcohol  | 0.002   | <LOQ          |     |
| Fenchone            | 0.002   | 5.800         | 0.580 | Gamma-Terpinene  | 0.002   | <LOQ          |     |
| beta-Pinene         | 0.002   | 3.710         | 0.371 | Geraniol         | 0.002   | <LOQ          |     |
| alpha-Pinene        | 0.002   | 2.170         | 0.217 | Geranyl acetate  | 0.002   | <LOQ          |     |
| alpha-Bisabolol     | 0.002   | 1.840         | 0.184 | Guaiol           | 0.002   | <LOQ          |     |
| alpha-Humulene      | 0.002   | 1.590         | 0.159 | Hexahydrothymol  | 0.002   | <LOQ          |     |
| beta-Myrcene        | 0.002   | 1.110         | 0.111 | Isobomeol        | 0.002   | <LOQ          |     |
| Caryophyllene oxide | 0.002   | 1.110         | 0.111 | Isopulegol       | 0.002   | <LOQ          |     |
| (+)-Cedrol          | 0.002   | <LOQ          |       | Linalool         | 0.002   | <LOQ          |     |
| 3-Carene            | 0.002   | <LOQ          |       | Nerol            | 0.002   | <LOQ          |     |
| alpha-Cedrene       | 0.002   | <LOQ          |       | Ocimene          | 0.00033 | <LOQ          |     |
| alpha-Phellandrene  | 0.002   | <LOQ          |       | Pulegone         | 0.002   | <LOQ          |     |
| alpha-Terpinene     | 0.002   | <LOQ          |       | Sabinene         | 0.002   | <LOQ          |     |
| Bomeol              | 0.004   | <LOQ          |       | Sabinene Hydrate | 0.002   | <LOQ          |     |
| Camphene            | 0.002   | <LOQ          |       | Terpinolene      | 0.002   | <LOQ          |     |
| Camphors            | 0.006   | <LOQ          |       | Total Terpeneol  | 0.00126 | <LOQ          |     |
| cis-Nerolidol       | 0.002   | <LOQ          |       | trans-Nerolidol  | 0.002   | <LOQ          |     |
| Eucalyptol          | 0.002   | <LOQ          |       | Valencene        | 0.002   | <LOQ          |     |

Total Terpenes: 6.451%

## HHCP

Specimen Weight: 54.890 mg

Tested

SOP13.050 (LCMS)

Dilution Factor: 5000.000

| Analyte            | LOD (%)   | LOQ (%) | Result (mg/g) | (%)    | Analyte   | LOD (%)   | LOQ (%) | Result (mg/g) | (%)     |
|--------------------|-----------|---------|---------------|--------|-----------|-----------|---------|---------------|---------|
| (9R)-HHC           | 3.1100E-7 | 7.5E-5  | 505.0000      | 50.5   | 9(R)-HHCP | 3.0900E-6 | 7.5E-5  | <LOQ          |         |
| (9S)-HHC           | 8.7400E-7 | 7.5E-5  | 279.0000      | 27.9   | 9(S)-HHCP | 2.5500E-6 | 7.5E-5  | <LOQ          |         |
| (±)-9B-hydroxy-HHC | 4.5800E-7 | 7.5E-5  | 0.3190        | 0.0319 | Total HHC |           |         | 784.3190      | 78.4319 |

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

Aixia Sun  
D.H.Sc., M.Sc., B.Sc., MT (AAB)  
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THCv = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, + HHC Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.