SC Labs®

# Hemp Quality Assurance Testing
# CERTIFICATE OF ANALYSIS

**DATE ISSUED 12/05/2024**

## SAMPLE DETAILS

### SAMPLE NAME: EDWIN PALMER
Infused, Liquid Edible

### CULTIVATOR / MANUFACTURER
**Business Name:**
**License Number:**
**Address:**

### DISTRIBUTOR / TESTED FOR
**Business Name:** E & E Foods
**License Number:**
**Address:** 855 Village Center Dr, #253
Saint Paul MN 55127

### SAMPLE DETAIL
**Batch Number:** BL082824EP
**Sample ID:** 241202M015

**Date Collected:** 12/02/2024
**Date Received:** 12/02/2024
**Batch Size:**
**Sample Size:** 1.0 units
**Unit Mass:** 355 grams per Unit
**Serving Size:** 355 grams per Serving


Scan QR code to verify authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

**Total THC: 10.8275 mg/unit**

**Total CBD: 0.2485 mg/unit**

**Sum of Cannabinoids: 11.0760 mg/unit**

**Total Cannabinoids: 11.0760 mg/unit**

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = $\Delta^9$-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = $\Delta^9$-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + $\Delta^8$-THC + CBL + CBN
Total Cannabinoids = ($\Delta^9$-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + $\Delta^8$-THC + CBL + CBN

**Density: 1.0211 g/mL**

## SAFETY ANALYSIS - SUMMARY

**$\Delta^9$-THC per Unit:** PASS **Pesticides:** PASS **Heavy Metals:** PASS

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 12/05/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 12/05/2024

## Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

### TOTAL THC: 10.8275 mg/unit

Total THC ($\Delta^9$-THC+0.877*THCa)

### TOTAL CBD: 0.2485 mg/unit

Total CBD (CBD+0.877*CBDa)

### TOTAL CANNABINOIDS: 11.0760 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta^8$-THC + CBL + CBN

### TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

### TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

### TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

### CANNABINOID TEST RESULTS - 12/04/2024

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---|---|---|---|---|
| $\Delta^9$-THC | *0.0001 / 0.0005* | *±0.00167* | 0.0305 | 0.00305 |
| CBD | *0.0001 / 0.0004* | *±0.00003* | 0.0007 | 0.00007 |
| $\Delta^8$-THC | *0.0003 / 0.0008* | *N/A* | ND | ND |
| THCa | *0.0001 / 0.0002* | *N/A* | ND | ND |
| THCV | *0.0001 / 0.0005* | *N/A* | ND | ND |
| THCVa | *0.0001 / 0.0007* | *N/A* | ND | ND |
| CBDa | *0.0001 / 0.0010* | *N/A* | ND | ND |
| CBDV | *0.0001 / 0.0005* | *N/A* | ND | ND |
| CBDVa | *0.0001 / 0.0007* | *N/A* | ND | ND |
| CBG | *0.0001 / 0.0002* | *N/A* | ND | ND |
| CBGa | *0.0001 / 0.0003* | *N/A* | ND | ND |
| CBL | *0.0001 / 0.0004* | *N/A* | ND | ND |
| CBN | *0.0001 / 0.0003* | *N/A* | ND | ND |
| CBC | *0.0001 / 0.0004* | *N/A* | ND | ND |
| CBCa | *0.0001 / 0.0006* | *N/A* | ND | ND |
| **SUM OF CANNABINOIDS** | | | 0.0312 mg/g | 0.00312% |

### Unit Mass: 355 grams per Unit / Serving Size: 355 grams per Serving

| | | | |
|---|---|---|---|
| $\Delta^9$-THC per Unit | *110 per-package limit* | 10.8275 mg/unit | PASS |
| $\Delta^9$-THC per Serving | | 10.8275 mg/serving | |
| Total THC per Unit | | 10.8275 mg/unit | |
| Total THC per Serving | | 10.8275 mg/serving | |
| CBD per Unit | | 0.2485 mg/unit | |
| CBD per Serving | | 0.2485 mg/serving | |
| Total CBD per Unit | | 0.2485 mg/unit | |
| Total CBD per Serving | | 0.2485 mg/serving | |
| Sum of Cannabinoids per Unit | | 11.0760 mg/unit | |
| Sum of Cannabinoids per Serving | | 11.0760 mg/serving | |
| Total Cannabinoids per Unit | | 11.0760 mg/unit | |
| Total Cannabinoids per Serving | | 11.0760 mg/serving | |

### DENSITY TEST RESULT

**1.0211 g/mL**

Tested 12/04/2024

**Method:** QSP 7870 - Sample Preparation

## Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). ‡Analytes part of our California Select Panel.

*GC-MS utilized where indicated.

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

**PESTICIDE TEST RESULTS** - 12/05/2024 PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---|---|---|---|---|---|
| Abamectin | *0.032 / 0.097* | *0.3* | *N/A* | ND | PASS |
| Acephate | *0.006 / 0.018* | *5* | *N/A* | ND | PASS |
| Acequinocyl | *0.009 / 0.027* | *4* | *N/A* | ND | PASS |
| Acetamiprid | *0.016 / 0.049* | *5* | *N/A* | ND | PASS |
| Aldicarb | *0.030 / 0.090* | *≥ LOD* | *N/A* | ND | PASS |
| Allethrin | *0.030 / 0.092* | | *N/A* | ND | |
| Atrazine | *0.006 / 0.019* | | *N/A* | ND | |
| Azadirachtin | *0.082 / 0.248* | | *N/A* | ND | |
| Azoxystrobin | *0.003 / 0.009* | *40* | *N/A* | ND | PASS |
| Benzovindiflupyr | *0.003 / 0.009* | | *N/A* | ND | |
| Bifenazate | *0.003 / 0.009* | *5* | *N/A* | ND | PASS |
| Bifenthrin | *0.021 / 0.064* | *0.5* | *N/A* | ND | PASS |
| Boscalid | *0.003 / 0.009* | *10* | *N/A* | ND | PASS |
| Buprofezin‡ | *0.006 / 0.019* | | *N/A* | ND | |
| Carbaryl | *0.007 / 0.020* | *0.5* | *N/A* | ND | PASS |
| Carbofuran | *0.003 / 0.008* | *≥ LOD* | *N/A* | ND | PASS |
| Chlorantraniliprole | *0.006 / 0.018* | *40* | *N/A* | ND | PASS |
| Chlorfenapyr* | *0.005 / 0.015* | *≥ LOD* | *N/A* | ND | PASS |
| Chlorpyrifos | *0.013 / 0.039* | *≥ LOD* | *N/A* | ND | PASS |
| cis-Permethrin | | | | 0.00 | |
| Clofentezine | *0.003 / 0.009* | *0.5* | *N/A* | ND | PASS |
| Clothianidin | *0.008 / 0.025* | | *N/A* | ND | |
| Coumaphos | *0.003 / 0.010* | *≥ LOD* | *N/A* | ND | PASS |
| Cyantraniliprole | *0.003 / 0.010* | | *N/A* | ND | |
| Cyfluthrin | *0.052 / 0.159* | *1* | *N/A* | ND | PASS |
| Cypermethrin | *0.051 / 0.153* | *1* | *N/A* | ND | PASS |
| Cyprodinil‡ | *0.003 / 0.008* | | *N/A* | ND | |
| Daminozide | *0.026 / 0.077* | *≥ LOD* | *N/A* | ND | PASS |
| Deltamethrin | *0.059 / 0.180* | | *N/A* | ND | |
| Diazinon | *0.006 / 0.017* | *0.2* | *N/A* | ND | PASS |
| Dichlorvos (DDVP) | *0.012 / 0.038* | *≥ LOD* | *N/A* | ND | PASS |
| Dimethoate | *0.003 / 0.009* | *≥ LOD* | *N/A* | ND | PASS |
| Dimethomorph | *0.016 / 0.050* | *20* | *N/A* | ND | PASS |
| Dinotefuran | *0.010 / 0.030* | | *N/A* | ND | |
| Diuron | *0.013 / 0.040* | | *N/A* | ND | |
| Dodemorph | *0.012 / 0.035* | | *N/A* | ND | |
| Endosulfan sulfate | *0.016 / 0.048* | | *N/A* | ND | |
| Endosulfan-α* | *0.004 / 0.014* | | *N/A* | ND | |
| Endosulfan-β* | *0.006 / 0.019* | | *N/A* | ND | |
| Ethoprophos | *0.003 / 0.009* | *≥ LOD* | *N/A* | ND | PASS |
| Etofenprox | *0.014 / 0.042* | *≥ LOD* | *N/A* | ND | PASS |

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## Pesticide Analysis *Continued*

**PESTICIDE TEST RESULTS** - 12/05/2024 *continued* PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---|---|---|---|---|---|
| Etoxazole | *0.007 / 0.020* | *1.5* | *N/A* | ND | PASS |
| Etridiazole* | *0.002 / 0.005* | | *N/A* | ND | |
| Fenhexamid | *0.003 / 0.008* | *10* | *N/A* | ND | PASS |
| Fenoxycarb | *0.003 / 0.010* | *≥ LOD* | *N/A* | ND | PASS |
| Fenpyroximate | *0.007 / 0.020* | *2* | *N/A* | ND | PASS |
| Fensulfothion | *0.003 / 0.010* | | *N/A* | ND | |
| Fenthion | *0.003 / 0.010* | | *N/A* | ND | |
| Fenvalerate‡ | *0.033 / 0.099* | | *N/A* | ND | |
| Fipronil | *0.003 / 0.010* | *≥ LOD* | *N/A* | ND | PASS |
| Flonicamid | *0.007 / 0.022* | *2* | *N/A* | ND | PASS |
| Fludioxonil | *0.003 / 0.010* | *30* | *N/A* | ND | PASS |
| Fluopyram‡ | *0.003 / 0.009* | | *N/A* | ND | |
| Hexythiazox | *0.003 / 0.010* | *2* | *N/A* | ND | PASS |
| Imazalil | *0.003 / 0.009* | *≥ LOD* | *N/A* | ND | PASS |
| Imidacloprid | *0.003 / 0.010* | *3* | *N/A* | ND | PASS |
| Iprodione | *0.077 / 0.233* | | *N/A* | ND | |
| Kinoprene | *0.077 / 0.233* | | *N/A* | ND | |
| Kresoxim-methyl | *0.006 / 0.019* | *1* | *N/A* | ND | PASS |
| λ-Cyhalothrin | *0.068 / 0.206* | | *N/A* | ND | |
| Malathion | *0.003 / 0.009* | *5* | *N/A* | ND | PASS |
| Metalaxyl | *0.003 / 0.010* | *15* | *N/A* | ND | PASS |
| Methiocarb | *0.003 / 0.008* | *≥ LOD* | *N/A* | ND | PASS |
| Methomyl | *0.008 / 0.025* | *0.1* | *N/A* | ND | PASS |
| Methoprene‡ | *0.172 / 0.521* | | *N/A* | ND | |
| Mevinphos | *0.008 / 0.024* | *≥ LOD* | *N/A* | ND | PASS |
| MGK-264 | *0.015 / 0.047* | | *N/A* | ND | |
| Myclobutanil | *0.003 / 0.009* | *9* | *N/A* | ND | PASS |
| Naled | *0.021 / 0.064* | *0.5* | *N/A* | ND | PASS |
| Novaluron | *0.002 / 0.005* | | *N/A* | ND | |
| Oxamyl | *0.017 / 0.051* | *0.2* | *N/A* | ND | PASS |
| Paclobutrazol | *0.003 / 0.010* | *≥ LOD* | *N/A* | ND | PASS |
| Parathion-methyl | *0.016 / 0.050* | *≥ LOD* | *N/A* | ND | PASS |
| Pentachloronitro-benzene (Quintozene)* | *0.004 / 0.012* | *0.2* | *N/A* | ND | PASS |
| Permethrin | *0.056 / 0.168* | *20* | *N/A* | ND | PASS |
| Phenothrin | *0.016 / 0.047* | | *N/A* | ND | |
| Phosmet | *0.007 / 0.020* | *0.2* | *N/A* | ND | PASS |
| Piperonyl Butoxide | *0.010 / 0.029* | *8* | *N/A* | ND | PASS |
| Pirimicarb | *0.003 / 0.009* | | *N/A* | ND | |
| Prallethrin | *0.015 / 0.046* | *0.4* | *N/A* | ND | PASS |
| Propiconazole | *0.027 / 0.080* | *20* | *N/A* | ND | PASS |
| Propoxur | *0.003 / 0.008* | *≥ LOD* | *N/A* | ND | PASS |

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## Pesticide Analysis *Continued*

**PESTICIDE TEST RESULTS -** 12/05/2024 *continued* PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---|---|---|---|---|---|
| Pyraclostrobin | *0.003 / 0.010* | | *N/A* | ND | |
| Pyrethrins | *0.016 / 0.049* | *1* | *N/A* | ND | PASS |
| Pyridaben | *0.005 / 0.017* | *3* | *N/A* | ND | PASS |
| Pyriproxyfen | *0.003 / 0.009* | | *N/A* | ND | |
| Resmethrin | *0.013 / 0.039* | | *N/A* | ND | |
| Spinetoram | *0.003 / 0.010* | *3* | *N/A* | ND | PASS |
| Spinosad | *0.003 / 0.010* | *3* | *N/A* | ND | PASS |
| Spirodiclofen | *0.031 / 0.093* | | *N/A* | ND | |
| Spiromesifen | *0.016 / 0.050* | *12* | *N/A* | ND | PASS |
| Spirotetramat | *0.003 / 0.010* | *13* | *N/A* | ND | PASS |
| Spiroxamine | *0.020 / 0.062* | *≥ LOD* | *N/A* | ND | PASS |
| Tebuconazole | *0.003 / 0.010* | *2* | *N/A* | ND | PASS |
| Tebufenozide | *0.003 / 0.008* | | *N/A* | ND | |
| Teflubenzuron | *0.007 / 0.022* | | *N/A* | ND | |
| Tetrachlorvinphos | *0.003 / 0.008* | | *N/A* | ND | |
| Tetramethrin | *0.021 / 0.063* | | *N/A* | ND | |
| Thiabendazole | *0.006 / 0.020* | | *N/A* | ND | |
| Thiacloprid | *0.003 / 0.009* | *≥ LOD* | *N/A* | ND | PASS |
| Thiamethoxam | *0.003 / 0.010* | *4.5* | *N/A* | ND | PASS |
| Thiophanate-methyl | *0.013 / 0.040* | | *N/A* | ND | |
| trans-Permethrin | | | | 0.00 | |
| Trifloxystrobin | *0.003 / 0.009* | *30* | *N/A* | ND | PASS |

## Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

**Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

**HEAVY METALS TEST RESULTS -** 12/04/2024 PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---|---|---|---|---|---|
| Arsenic | *0.02 / 0.1* | *1.5* | *N/A* | ND | PASS |
| Cadmium | *0.02 / 0.05* | *0.5* | *N/A* | ND | PASS |
| Lead | *0.04 / 0.1* | *0.5* | *N/A* | ND | PASS |
| Mercury | *0.002 / 0.01* | *3* | *N/A* | ND | PASS |

**NOTES**