

**SAMPLE DETAILS**

OVERALL BATCH RESULT: **PASS**
**SAMPLE NAME:** 50mg Tablets - Hybrid - Hashburger - 1000mg Package  
Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**
**Business Name:** Emerald Bay  
Wellness

**License Number:** CDPH-10002192

**Address:** 138 New Mohawk Road Suite 170  
Nevada City CA 95959

**DISTRIBUTOR**
**Business Name:** Emerald Bay  
Wellness (Emerald Bay Extracts)

**License Number:** C11-0000655-LIC

**Address:** 138 New Mohawk Rd, Suite 170  
Nevada City CA 95959-3248

**SAMPLE DETAIL**
**Batch Number:** HYB50HB071525

**Sample ID:** 250819Q062

**Source Metrc UID:**  
1A40603000018A2000003257

**Date Collected:** 08/19/2025

**Date Received:** 08/20/2025

**Batch Size:** 4750.0 units

**Sample Size:** 20.0 units

**Unit Mass:** 12 grams per Unit

**Serving Size:** 0.6 gram per Serving

**Sampling Method:** QSP 1265 - Sampling of Cannabis and Product Batches

Scan QR code to verify  
authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY** **PASS**
**Sum of Cannabinoids:** **1119.924 mg/unit**
**Total Cannabinoids:** **1119.924 mg/unit**
**Total THC:** **1039.740 mg/unit**
**Total CBD:** **3.253 mg/unit**

Sum of Cannabinoids =  $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$   
Total Cannabinoids =  $(\Delta^9\text{-THC} + 0.877 \times \text{THCa} + \Delta^8\text{-THC}) + (\text{CBD} + 0.877 \times \text{CBDa}) + (\text{CBG} + 0.877 \times \text{CBGa}) + (\text{THCV} + 0.877 \times \text{THCVa}) + (\text{CBC} + 0.877 \times \text{CBCa}) + (\text{CBDV} + 0.877 \times \text{CBDVa}) + \text{CBL} + \text{CBN}$   
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 =  $\Delta^9\text{-THC} + (\text{THCa} \times 0.877) + \Delta^8\text{-THC}$   
Total CBD =  $\text{CBD} + (\text{CBDa} \times 0.877)$

**SAFETY ANALYSIS - SUMMARY**
 $\Delta^9\text{-THC}$  per Unit: **PASS**

Pesticides: **PASS**

Mycotoxins: **PASS**

Residual Solvents: **PASS**

Heavy Metals: **PASS**

Microbiology: **PASS**

Foreign Material: **PASS**

Water Activity: NT

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),  $\mu\text{g/g}$  = ppm,  $\mu\text{g/kg}$  = ppb



All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, as attested by:  
Michael Pham  
Job Title: Senior Laboratory Analyst  
Date: 08/22/2025



Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 08/22/2025


**CANNABINOID TEST RESULTS** - 08/22/2025 ✓ PASS

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL CANNABINOIDS: 1119.924 mg/unit** **TOTAL CBG: 24.696 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) +  
(Total CBG) + (Total THCV) + (Total CBC) +  
(Total CBDV) + CBL + CBN

Total CBG (CBG+0.877\*CBGa)

**TOTAL THC: 1039.740 mg/unit**

Total THC ( $\Delta^9$ -THC+0.877\*THCa+ $\Delta^8$ -THC)

**TOTAL THCV: 7.836 mg/unit**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 23.172 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBD: 3.253 mg/unit**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CBDV: 1.776 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

| COMPOUND                   | LOD/LOQ<br>(mg/g) | MEASUREMENT<br>UNCERTAINTY<br>(mg/g) | RESULT<br>(mg/g) | RESULT<br>(%) |
|----------------------------|-------------------|--------------------------------------|------------------|---------------|
| $\Delta^9$ -THC            | 0.002 / 0.014     | ±4.7568                              | 86.645           | 8.6645        |
| CBG                        | 0.002 / 0.006     | ±0.0998                              | 2.058            | 0.2058        |
| CBC                        | 0.003 / 0.010     | ±0.0622                              | 1.931            | 0.1931        |
| CBN                        | 0.001 / 0.007     | ±0.0466                              | 1.625            | 0.1625        |
| THCV                       | 0.002 / 0.012     | ±0.0321                              | 0.653            | 0.0653        |
| CBD                        | 0.004 / 0.011     | ±0.0100                              | 0.267            | 0.0267        |
| CBDV                       | 0.002 / 0.012     | ±0.0060                              | 0.148            | 0.0148        |
| $\Delta^8$ -THC            | 0.01 / 0.02       | N/A                                  | ND               | ND            |
| THCa                       | 0.001 / 0.005     | N/A                                  | ND               | ND            |
| THCVa                      | 0.002 / 0.019     | N/A                                  | ND               | ND            |
| CBDa                       | 0.001 / 0.026     | N/A                                  | ND               | ND            |
| CBDVa                      | 0.001 / 0.018     | N/A                                  | ND               | ND            |
| CBGa                       | 0.002 / 0.007     | N/A                                  | ND               | ND            |
| CBL                        | 0.003 / 0.010     | N/A                                  | ND               | ND            |
| CBCa                       | 0.001 / 0.015     | N/A                                  | ND               | ND            |
| <b>SUM OF CANNABINOIDS</b> |                   |                                      | 93.327 mg/g      | 9.3327%       |

**UNIT MASS: 12 grams per Unit / SERVING SIZE: 0.6 gram per Serving**

|                                 |                        |                   |      |
|---------------------------------|------------------------|-------------------|------|
| $\Delta^9$ -THC per Unit        | 1100 per-package limit | 1055.683 mg/unit  | PASS |
| $\Delta^9$ -THC per Serving     |                        | 52.784 mg/serving |      |
| Total THC per Unit              |                        | 1039.740 mg/unit  |      |
| Total THC per Serving           |                        | 51.987 mg/serving |      |
| CBD per Unit                    |                        | 3.253 mg/unit     |      |
| CBD per Serving                 |                        | 0.163 mg/serving  |      |
| Total CBD per Unit              |                        | 3.253 mg/unit     |      |
| Total CBD per Serving           |                        | 0.163 mg/serving  |      |
| Sum of Cannabinoids per Unit    |                        | 1119.924 mg/unit  |      |
| Sum of Cannabinoids per Serving |                        | 55.996 mg/serving |      |
| Total Cannabinoids per Unit     |                        | 1119.924 mg/unit  |      |
| Total Cannabinoids per Serving  |                        | 55.996 mg/serving |      |

**CATEGORY 1 PESTICIDE TEST RESULTS** - 08/22/2025 ✓ PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). \*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

| COMPOUND          | LOD/LOQ<br>(µg/g) | ACTION<br>LIMIT<br>(µg/g) | MEASUREMENT<br>UNCERTAINTY<br>(µg/g) | RESULT<br>(µg/g) | RESULT |
|-------------------|-------------------|---------------------------|--------------------------------------|------------------|--------|
| Aldicarb          | 0.03 / 0.08       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Carbofuran        | 0.02 / 0.05       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Chlordane*        | 0.03 / 0.08       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Chlorfenapyr*     | 0.03 / 0.10       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Chlorpyrifos      | 0.02 / 0.06       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Coumaphos         | 0.02 / 0.07       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Daminozide        | 0.02 / 0.07       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Dichlorvos (DDVP) | 0.03 / 0.09       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Dimethoate        | 0.03 / 0.08       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Ethoprophos       | 0.03 / 0.10       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Etofenprox        | 0.02 / 0.06       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Fenoxycarb        | 0.03 / 0.08       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Fipronil          | 0.03 / 0.08       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Imazalil          | 0.02 / 0.06       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Methiocarb        | 0.02 / 0.07       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Mevinphos         | 0.03 / 0.09       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Paclobutrazol     | 0.02 / 0.05       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Parathion-methyl  | 0.03 / 0.10       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Propoxur          | 0.03 / 0.09       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Spiroxamine       | 0.03 / 0.08       | ≥ LOD                     | N/A                                  | ND               | PASS   |
| Thiacloprid       | 0.03 / 0.10       | ≥ LOD                     | N/A                                  | ND               | PASS   |

**CATEGORY 2 PESTICIDE TEST RESULTS** - 08/22/2025 ✓ PASS

| COMPOUND                 | LOD/LOQ<br>(µg/g) | ACTION<br>LIMIT<br>(µg/g) | MEASUREMENT<br>UNCERTAINTY<br>(µg/g) | RESULT<br>(µg/g) | RESULT |
|--------------------------|-------------------|---------------------------|--------------------------------------|------------------|--------|
| Abamectin                | 0.03 / 0.10       | 0.3                       | N/A                                  | ND               | PASS   |
| Acephate                 | 0.02 / 0.07       | 5                         | N/A                                  | ND               | PASS   |
| Acequinocyl              | 0.02 / 0.07       | 4                         | N/A                                  | ND               | PASS   |
| Acetamiprid              | 0.02 / 0.05       | 5                         | N/A                                  | ND               | PASS   |
| Azoxystrobin             | 0.02 / 0.07       | 40                        | N/A                                  | ND               | PASS   |
| Bifenazate               | 0.01 / 0.04       | 5                         | N/A                                  | ND               | PASS   |
| Bifenthrin               | 0.02 / 0.05       | 0.5                       | N/A                                  | ND               | PASS   |
| Boscalid                 | 0.03 / 0.09       | 10                        | N/A                                  | ND               | PASS   |
| Captan                   | 0.19 / 0.57       | 5                         | N/A                                  | ND               | PASS   |
| Carbaryl                 | 0.02 / 0.06       | 0.5                       | N/A                                  | ND               | PASS   |
| Chlorantranilip-<br>role | 0.04 / 0.12       | 40                        | N/A                                  | ND               | PASS   |
| Clofentezine             | 0.03 / 0.09       | 0.5                       | N/A                                  | ND               | PASS   |

Continued on next page



CATEGORY 2 PESTICIDE TEST RESULTS - 08/22/2025 *continued*

| COMPOUND                                   | LOD/LOQ<br>(µg/g) | ACTION<br>LIMIT<br>(µg/g) | MEASUREMENT<br>UNCERTAINTY<br>(µg/g) | RESULT<br>(µg/g) | RESULT |
|--------------------------------------------|-------------------|---------------------------|--------------------------------------|------------------|--------|
| Cyfluthrin                                 | 0.12 / 0.38       | 1                         | N/A                                  | ND               | PASS   |
| Cypermethrin                               | 0.11 / 0.32       | 1                         | N/A                                  | ND               | PASS   |
| Diazinon                                   | 0.02 / 0.05       | 0.2                       | N/A                                  | ND               | PASS   |
| Dimethomorph                               | 0.03 / 0.09       | 20                        | N/A                                  | ND               | PASS   |
| Etoxazole                                  | 0.02 / 0.06       | 1.5                       | N/A                                  | ND               | PASS   |
| Fenhexamid                                 | 0.03 / 0.09       | 10                        | N/A                                  | ND               | PASS   |
| Fenpyroximate                              | 0.02 / 0.06       | 2                         | N/A                                  | ND               | PASS   |
| Flonicamid                                 | 0.03 / 0.10       | 2                         | N/A                                  | ND               | PASS   |
| Fludioxonil                                | 0.03 / 0.10       | 30                        | N/A                                  | ND               | PASS   |
| Hexythiazox                                | 0.02 / 0.07       | 2                         | N/A                                  | ND               | PASS   |
| Imidacloprid                               | 0.04 / 0.11       | 3                         | N/A                                  | ND               | PASS   |
| Kresoxim-methyl                            | 0.02 / 0.07       | 1                         | N/A                                  | ND               | PASS   |
| Malathion                                  | 0.03 / 0.09       | 5                         | N/A                                  | ND               | PASS   |
| Metalaxyl                                  | 0.02 / 0.07       | 15                        | N/A                                  | ND               | PASS   |
| Methomyl                                   | 0.03 / 0.10       | 0.1                       | N/A                                  | ND               | PASS   |
| Myclobutanil                               | 0.03 / 0.09       | 9                         | N/A                                  | ND               | PASS   |
| Naled                                      | 0.02 / 0.07       | 0.5                       | N/A                                  | ND               | PASS   |
| Oxamyl                                     | 0.04 / 0.11       | 0.2                       | N/A                                  | ND               | PASS   |
| Pentachloronitro-<br>benzene (Quintozene)* | 0.03 / 0.09       | 0.2                       | N/A                                  | ND               | PASS   |
| Permethrin                                 | 0.04 / 0.12       | 20                        | N/A                                  | ND               | PASS   |
| Phosmet                                    | 0.03 / 0.10       | 0.2                       | N/A                                  | ND               | PASS   |
| Piperonyl<br>Butoxide                      | 0.02 / 0.07       | 8                         | N/A                                  | ND               | PASS   |
| Prallethrin                                | 0.03 / 0.08       | 0.4                       | N/A                                  | ND               | PASS   |
| Propiconazole                              | 0.02 / 0.07       | 20                        | N/A                                  | ND               | PASS   |
| Pyrethrins                                 | 0.04 / 0.12       | 1                         | N/A                                  | ND               | PASS   |
| Pyridaben                                  | 0.02 / 0.07       | 3                         | N/A                                  | ND               | PASS   |
| Spinetoram                                 | 0.02 / 0.07       | 3                         | N/A                                  | ND               | PASS   |
| Spinosad                                   | 0.02 / 0.07       | 3                         | N/A                                  | ND               | PASS   |
| Spiromesifen                               | 0.02 / 0.05       | 12                        | N/A                                  | ND               | PASS   |
| Spirotetramat                              | 0.02 / 0.06       | 13                        | N/A                                  | ND               | PASS   |
| Tebuconazole                               | 0.02 / 0.07       | 2                         | N/A                                  | ND               | PASS   |
| Thiamethoxam                               | 0.03 / 0.10       | 4.5                       | N/A                                  | ND               | PASS   |
| Trifloxystrobin                            | 0.03 / 0.08       | 30                        | N/A                                  | ND               | PASS   |

MYCOTOXIN TEST RESULTS - 08/22/2025 ✓ PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

| COMPOUND        | LOD/LOQ<br>(µg/kg) | ACTION<br>LIMIT<br>(µg/kg) | MEASUREMENT<br>UNCERTAINTY<br>(µg/kg) | RESULT<br>(µg/kg) | RESULT |
|-----------------|--------------------|----------------------------|---------------------------------------|-------------------|--------|
| Aflatoxin B1    | 2.0 / 6.0          |                            | N/A                                   | ND                |        |
| Aflatoxin B2    | 1.8 / 5.6          |                            | N/A                                   | ND                |        |
| Aflatoxin G1    | 1.0 / 3.1          |                            | N/A                                   | ND                |        |
| Aflatoxin G2    | 1.2 / 3.5          |                            | N/A                                   | ND                |        |
| Ochratoxin A    | 6.3 / 19.2         | 20                         | N/A                                   | ND                | PASS   |
| Total Aflatoxin |                    | 20                         |                                       | ND                | PASS   |

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 08/22/2025 ✓ PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS). **Method:** QSP 1204 - Analysis of Residual Solvents by GC-MS

| COMPOUND                                | LOD/LOQ<br>(µg/g) | ACTION<br>LIMIT<br>(µg/g) | MEASUREMENT<br>UNCERTAINTY<br>(µg/g) | RESULT<br>(µg/g) | RESULT |
|-----------------------------------------|-------------------|---------------------------|--------------------------------------|------------------|--------|
| 1,2-Dichloroethane                      | 0.05 / 0.1        | 1                         | N/A                                  | ND               | PASS   |
| Benzene                                 | 0.03 / 0.09       | 1                         | N/A                                  | ND               | PASS   |
| Chloroform                              | 0.1 / 0.2         | 1                         | N/A                                  | ND               | PASS   |
| Dichloromethane<br>(Methylene Chloride) | 0.3 / 0.9         | 1                         | N/A                                  | ND               | PASS   |
| Ethylene Oxide                          | 0.3 / 0.8         | 1                         | N/A                                  | ND               | PASS   |
| Trichloroethylene                       | 0.1 / 0.3         | 1                         | N/A                                  | ND               | PASS   |

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 08/22/2025 ✓ PASS

| COMPOUND                          | LOD/LOQ<br>(µg/g) | ACTION<br>LIMIT<br>(µg/g) | MEASUREMENT<br>UNCERTAINTY<br>(µg/g) | RESULT<br>(µg/g) | RESULT |
|-----------------------------------|-------------------|---------------------------|--------------------------------------|------------------|--------|
| 2-Propanol<br>(Isopropyl Alcohol) | 10 / 40           | 5000                      | N/A                                  | ND               | PASS   |
| Acetone                           | 20 / 50           | 5000                      | N/A                                  | ND               | PASS   |
| Acetonitrile                      | 2 / 7             | 410                       | N/A                                  | ND               | PASS   |
| Ethanol                           | 20 / 50           | 5000                      | ±48.0                                | 1661             | PASS   |
| Ethyl Acetate                     | 20 / 60           | 5000                      | N/A                                  | ND               | PASS   |
| Ethyl Ether                       | 20 / 50           | 5000                      | N/A                                  | ND               | PASS   |
| Methanol                          | 50 / 200          | 3000                      | N/A                                  | ND               | PASS   |
| n-Butane                          | 10 / 50           | 5000                      | N/A                                  | ND               | PASS   |
| n-Heptane                         | 20 / 60           | 5000                      | N/A                                  | ND               | PASS   |
| n-Hexane                          | 2 / 5             | 290                       | N/A                                  | ND               | PASS   |
| n-Pentane                         | 20 / 50           | 5000                      | N/A                                  | ND               | PASS   |
| Propane                           | 10 / 20           | 5000                      | N/A                                  | ND               | PASS   |
| Toluene                           | 7 / 21            | 890                       | N/A                                  | ND               | PASS   |
| Total Xylenes                     | 50 / 160          | 2170                      | N/A                                  | ND               | PASS   |



HEAVY METALS TEST RESULTS - 08/21/2025 ✓ PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). **Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

| 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                            | <LOQ          | PASS   |
| Mercury  | 0.002 / 0.01   | 3                   | N/A                            | ND            | PASS   |

MICROBIOLOGY TEST RESULTS - 08/22/2025 ✓ PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. **Method:** QSP 61517 - Analysis of Microbiological Contaminants

| COMPOUND                               | ACTION LIMIT       | RESULT | RESULT |
|----------------------------------------|--------------------|--------|--------|
| Salmonella spp.                        | Not Detected in 1g | ND     | PASS   |
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | ND     | PASS   |

FOREIGN MATERIAL TEST RESULTS - 08/21/2025 ✓ PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. **Method:** QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

| COMPOUND                                                  | ACTION LIMIT    | RESULT | RESULT |
|-----------------------------------------------------------|-----------------|--------|--------|
| Hair Count                                                | > 1 per 3 grams | 0.0    | PASS   |
| Insect Fragment Count                                     | > 1 per 3 grams | 0.0    | PASS   |
| Mammalian Excreta Count                                   | > 1 per 3 grams | 0.0    | PASS   |
| Total Sample Area Covered by an Imbedded Foreign Material | >25%            | None   | PASS   |
| Total Sample Area Covered by Mold                         | >25%            | None   | PASS   |
| Total Sample Area Covered by Sand, Soil, Cinders, or Dirt | >25%            | None   | PASS   |

WATER ACTIVITY TEST RESULTS

| COMPOUND | LOD/LOQ (Aw) | MEASUREMENT UNCERTAINTY (Aw) | RESULT (Aw) |
|----------|--------------|------------------------------|-------------|
|----------|--------------|------------------------------|-------------|