

### SAMPLE DETAILS

OVERALL BATCH RESULT: ✓ PASS
**SAMPLE NAME:** 25mg Tablets - 1:1 - Gush Mintz - 1000mg Package

Infused, Non-Inhalable

### CULTIVATOR / MANUFACTURER

**Business Name:** Emerald Bay Wellness

**License Number:** DCC-10002192

**Address:** 138 New Mohawk 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:** CBD25GM060425

**Sample ID:** 251104Q076

**Source Metrc UID:**

1A40603000018A2000003141

**Date Collected:** 11/04/2025

**Date Received:** 11/05/2025

**Batch Size:** 3000.0 units

**Sample Size:** 13.0 units

**Unit Mass:** 18 grams per Unit

**Serving Size:** 0.45 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:** 929.268 mg/unit
**Total Cannabinoids:** 929.268 mg/unit
**Total THC:** 413.550 mg/unit
**Total CBD:** 431.946 mg/unit

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 +  $\Delta^8$ -THC) + (CBD + 0.877\*CBDa) + (CBG + 0.877\*CBGa) + (THCV + 0.877\*THCVa) + (CBC + 0.877\*CBCa) + (CBDV + 0.877\*CBDVa) + CBL + 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 =  $\Delta^9$ -THC + (THCa (0.877)) +  $\Delta^8$ -THC

Total CBD = CBD + (CBDa (0.877))

### SAFETY ANALYSIS - SUMMARY

 $\Delta^9$ -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: 11/07/2025



Approved by: Josh Wurzer  
Chief Compliance Officer  
Date: 11/07/2025



DATE ISSUED 11/07/2025

CANNABINOID TEST RESULTS - 11/06/2025  PASS

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

**TOTAL CANNABINOIDS: 929.268 mg/unit**  
Total Cannabinoids (Total THC) + (Total CBD) +  
(Total CBG) + (Total THCV) + (Total CBC) +  
(Total CBDV) + CBL + CBN

**TOTAL THC: 413.550 mg/unit**  
Total THC ( $\Delta^9$ -THC+0.877\*THCa+ $\Delta^8$ -THC)

**TOTAL CBD: 431.946 mg/unit**  
Total CBD (CBD+0.877\*CBDA)

**TOTAL CBG: 34.038 mg/unit**  
Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**  
Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 19.746 mg/unit**  
Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**  
Total CBDV (CBDV+0.877\*CBDVa)

| COMPOUND            | LOD/LOQ<br>(mg/g) | MEASUREMENT<br>UNCERTAINTY<br>(mg/g) | RESULT<br>(mg/g) | RESULT<br>(%) |
|---------------------|-------------------|--------------------------------------|------------------|---------------|
| CBD                 | 0.004 / 0.011     | ±0.8951                              | 23.997           | 2.3997        |
| $\Delta^9$ -THC     | 0.002 / 0.014     | ±1.2613                              | 22.975           | 2.2975        |
| CBG                 | 0.002 / 0.006     | ±0.0917                              | 1.891            | 0.1891        |
| CBN                 | 0.001 / 0.007     | ±0.0478                              | 1.666            | 0.1666        |
| CBC                 | 0.003 / 0.010     | ±0.0353                              | 1.097            | 0.1097        |
| $\Delta^8$ -THC     | 0.01 / 0.02       | N/A                                  | ND               | ND            |
| THCa                | 0.001 / 0.005     | N/A                                  | ND               | ND            |
| THCV                | 0.002 / 0.012     | N/A                                  | ND               | ND            |
| THCVa               | 0.002 / 0.019     | N/A                                  | ND               | ND            |
| CBDA                | 0.001 / 0.026     | N/A                                  | ND               | ND            |
| CBDV                | 0.002 / 0.012     | 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            |
| SUM OF CANNABINOIDS |                   |                                      | 51.626 mg/g      | 5.1626%       |

UNIT MASS: 18 grams per Unit / SERVING SIZE: 0.45 gram per Serving

|                                 |                        |                   |      |
|---------------------------------|------------------------|-------------------|------|
| $\Delta^9$ -THC per Unit        | 1100 per-package limit | 413.550 mg/unit   | PASS |
| $\Delta^9$ -THC per Serving     |                        | 10.339 mg/serving |      |
| Total THC per Unit              |                        | 413.550 mg/unit   |      |
| Total THC per Serving           |                        | 10.339 mg/serving |      |
| CBD per Unit                    |                        | 431.946 mg/unit   |      |
| CBD per Serving                 |                        | 10.799 mg/serving |      |
| Total CBD per Unit              |                        | 431.946 mg/unit   |      |
| Total CBD per Serving           |                        | 10.799 mg/serving |      |
| Sum of Cannabinoids per Unit    |                        | 929.268 mg/unit   |      |
| Sum of Cannabinoids per Serving |                        | 23.232 mg/serving |      |
| Total Cannabinoids per Unit     |                        | 929.268 mg/unit   |      |
| Total Cannabinoids per Serving  |                        | 23.232 mg/serving |      |

CATEGORY 1 PESTICIDE TEST RESULTS - 11/06/2025  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 - 11/06/2025  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   |

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CATEGORY 2 PESTICIDE TEST RESULTS - 11/06/2025 continued

| COMPOUND                              | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (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   |
| Pentachloronitrobenzene (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 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 - 11/06/2025 ✓ 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 (µg/kg) | ACTION LIMIT (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (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 - 11/06/2025 ✓ PASS

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

| COMPOUND                             | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (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 (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 - 11/06/2025 ✓ PASS

| COMPOUND                       | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| 2-Propanol (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                | ±86.4                          | 2988          | 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 - 11/06/2025 ✓ 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                            | ND            | PASS   |
| Mercury  | 0.002 / 0.01   | 3                   | N/A                            | ND            | PASS   |

### MICROBIOLOGY TEST RESULTS - 11/07/2025 ✓ 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 |
|-----------------------------------------------|--------------------|--------|--------|
| <i>Salmonella</i> spp.                        | Not Detected in 1g | ND     | PASS   |
| Shiga toxin-producing <i>Escherichia coli</i> | Not Detected in 1g | ND     | PASS   |

### FOREIGN MATERIAL TEST RESULTS - 11/05/2025 ✓ 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) |
|----------|--------------|------------------------------|-------------|
|----------|--------------|------------------------------|-------------|