

**SAMPLE DETAILS**
**SAMPLE NAME: FROSTED CHERRY BOMB**

Flower, Inhalable

**CULTIVATOR / MANUFACTURER**
**Business Name:** AD Forward Solutions

**License Number:**
**Address:** 919 Haywood Rd Unit 111

Asheville, NC 28806

**DISTRIBUTOR / TESTED FOR**
**Business Name:** AD Forward Solutions

**License Number:**
**Address:** 919 Haywood Rd Unit 111

Asheville, NC 28806

**SAMPLE DETAIL**
**Batch Number:** FCBPLD031026 **Sample**
**ID:** 260312L035

**Date Collected:** 03/12/2026

**Date Received:** 03/12/2026

**Batch Size:**
**Sample Size:** 12.0 grams

**Unit Mass:** 1 gram per Unit

**Serving Size:** 1 gram per Serving

**CANNABINOID ANALYSIS - SUMMARY**

CALCULATED USING DRY-WEIGHT

**Total THC:** **27.10%**
**Total CBD:** **0.051%**
**Sum of Cannabinoids:** **33.36%**
**Total Cannabinoids:** **29.30%**

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

**Moisture:** **11.5%**
**TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

**Total Terpenoids:** **2.1202%**

**SAFETY ANALYSIS - SUMMARY**
**Pesticides:** ✔ **PASS**
**Mycotoxins:** ✔ **PASS**
**Heavy Metals:** ✔ **PASS**
**Microbiology (PCR):** ✔ **PASS**
**Foreign Material:** ✔ **PASS**
**Water Activity:** ✔ **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),

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



LQC verified by: Aileen Arreola  
 Job Title: Senior Laboratory Analyst  
 Date: 03/17/2026



Approved by: Josh Wurzer  
 Chief Compliance Officer  
 Date: 03/17/2026

### Cannabinoid Analysis

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

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

**TOTAL THC: 27.10%**

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

**TOTAL CBD: 0.051%**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 29.30%**

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

**TOTAL CBG: 1.79%**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 0.139%**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.22%**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 03/13/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04 / 0.24	±9.831	306.27	30.627
CBGa	0.1 / 0.4	±1.06	19.7	1.97
CBCa	0.1 / 0.4	±0.17	2.5	0.25
$\Delta^9$ -THC	0.1 / 0.4	±0.07	2.4	0.24
THCVa	0.05 / 0.17	±0.037	1.58	0.158
CBG	0.2 / 0.5	±0.04	0.6	0.06
CBDa	0.06 / 0.22	±0.019	0.58	0.058
$\Delta^8$ -THC	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
CBD	0.1 / 0.3	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.22	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
CBC	0.1 / 0.2	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>333.6 mg/g</b>	<b>33.36%</b>

### Unit Mass: 1 gram per Unit / Serving Size: 1 gram per Serving

$\Delta^9$ -THC per Unit	2.4 mg/unit
$\Delta^9$ -THC per Serving	2.4 mg/serving
Total THC per Unit	271.0 mg/unit
Total THC per Serving	271.0 mg/serving
CBD per Unit	ND
CBD per Serving	ND
Total CBD per Unit	0.51 mg/unit
Total CBD per Serving	0.51 mg/serving
Sum of Cannabinoids per Unit	333.6 mg/unit
Sum of Cannabinoids per Serving	333.6 mg/serving
Total Cannabinoids per Unit	293.0 mg/unit
Total Cannabinoids per Serving	293.0 mg/serving

### MOISTURE TEST RESULT

11.5%

Tested 03/15/2026

**Method:** QSP 1224 - Loss on Drying (Moisture)

### Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

**Method:** QSP 1192 - Analysis of Terpenoids by GC-FID

#### 1 Limonene

A monoterpene with a fragrance that can be described as orangey, citrusy, sweet and tart. It is most commonly found in nature as D-Limonene and is a primary contributor to the distinct scent of orange peels, from which it is commonly derived. Found in numerous pines, red maple, silver maple, aspens, cottonwoods, hemlocks, sumac, cedar, junipers...etc.

#### 2 Myrcene

A monoterpene with a fragrance that can be described as peppery, spicy, herbal, floral and woody. Although it has a pleasant odor, it is typically used by the perfume industry as precursor for developing other fragrances. Found in hops, houttuynia, bay, thyme, lemon grass, mango, verbena, cardamom, citrus...etc.

#### 3 β-Caryophyllene

A sesquiterpene with a fragrance that can be described as spicy, woody, dry, dusty and mildly sweet. It was one of the first organic compounds to fully synthesized in a laboratory and plays a role in the endocannabinoid system as it is a functional CB<sub>2</sub> receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

### TERPENOID TEST RESULTS - 03/14/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Limonene	0.005 / 0.016	±0.2223	6.820	0.6820
Myrcene	0.007 / 0.025	±0.1585	4.476	0.4476
β-Caryophyllene	0.004 / 0.013	±0.1590	2.956	0.2956
Linalool	0.009 / 0.036	±0.1017	2.589	0.2589
α-Humulene	0.009 / 0.180	±0.0445	0.828	0.0828
β-Pinene	0.004 / 0.015	±0.0243	0.751	0.0751
α-Bisabolol	0.008 / 0.026	±0.0215	0.500	0.0500
Terpineol	0.008 / 0.025	±0.0304	0.497	0.0497
Fenchol	0.009 / 0.036	±0.0175	0.475	0.0475
α-Pinene	0.005 / 0.036	±0.0151	0.421	0.0421
trans-β-Farnesene	0.008 / 0.028	±0.0127	0.223	0.0223
Nerolidol	0.006 / 0.021	±0.0165	0.209	0.0209
Borneol	0.004 / 0.014	±0.0067	0.143	0.0143
Camphene	0.004 / 0.014	±0.0038	0.118	0.0118
Terpinolene	0.008 / 0.036	±0.0011	0.075	0.0075
Caryophyllene Oxide	0.011 / 0.038	±0.0038	0.064	0.0064
β-Ocimene	0.005 / 0.025	±0.0014	0.035	0.0035
Eucalyptol	0.005 / 0.018	±0.0009	0.022	0.0022
Citronellol	0.003 / 0.036	N/A	<LOQ	<LOQ
Fenchone	0.008 / 0.036	N/A	<LOQ	<LOQ
Nerol	0.003 / 0.036	N/A	<LOQ	<LOQ
Sabinene Hydrate	0.007 / 0.036	N/A	<LOQ	<LOQ
Valencene	0.010 / 0.180	N/A	<LOQ	<LOQ
α-Cedrene	0.005 / 0.017	N/A	ND	ND
α-Phellandrene	0.006 / 0.036	N/A	ND	ND
α-Terpinene	0.006 / 0.019	N/A	ND	ND
Camphor	0.005 / 0.036	N/A	ND	ND
Cedrol	0.009 / 0.032	N/A	ND	ND
Δ <sup>3</sup> -Carene	0.005 / 0.018	N/A	ND	ND
γ-Terpinene	0.005 / 0.018	N/A	ND	ND
Geraniol	0.002 / 0.036	N/A	ND	ND
Geranyl Acetate	0.004 / 0.036	N/A	ND	ND
Guaiol	0.011 / 0.035	N/A	ND	ND
Isoborneol	0.003 / 0.011	N/A	ND	ND
Isopulegol	0.004 / 0.036	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
p-Cymene	0.005 / 0.015	N/A	ND	ND
Pulegone	0.003 / 0.010	N/A	ND	ND
Sabinene	0.004 / 0.014	N/A	ND	ND
<b>TOTAL TERPENOIDS</b>			<b>21.202 mg/g</b>	<b>2.1202%</b>



### Pesticide Analysis

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

### PESTICIDE TEST RESULTS - 03/16/2026 ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.1	N/A	ND	PASS
Acephate	0.02 / 0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	0.1	N/A	ND	PASS
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	0.1	N/A	ND	PASS
Bifenazate	0.01 / 0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	3	N/A	ND	PASS
Boscalid	0.03 / 0.09	0.1	N/A	ND	PASS
Captan	0.19 / 0.57	0.7	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlorantraniliprole	0.04 / 0.12	10	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
Clofentezine	0.03 / 0.09	0.1	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Cyfluthrin	0.12 / 0.38	2	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.1	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
Dimethomorph	0.03 / 0.09	2	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	0.1	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Flonicamid	0.03 / 0.10	0.1	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	0.1	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	0.1	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	5	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	0.1	N/A	ND	PASS
Malathion	0.03 / 0.09	0.5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	2	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS

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### Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 03/16/2026 *continued* ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Methomyl	0.03 / 0.10	1	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	0.1	N/A	ND	PASS
Naled	0.02 / 0.07	0.1	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.5	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
Pentachloronitrobenzene (Quintozene)*	0.03 / 0.09	0.1	N/A	ND	PASS
Permethrin	0.04 / 0.12	0.5	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.1	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	3	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.1	N/A	ND	PASS
Propiconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	0.5	N/A	ND	PASS
Pyridaben	0.02 / 0.07	0.1	N/A	ND	PASS
Spinetoram	0.02 / 0.07	0.1	N/A	ND	PASS
Spinosad	0.02 / 0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	0.1	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	0.1	N/A	ND	PASS



### Mycotoxin Analysis

MYCOTOXIN TEST RESULTS - 03/16/2026 ✔ 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

### 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 - 03/16/2026 ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	0.2	N/A	<LOQ	PASS
Cadmium	0.02 / 0.05	0.2	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	0.1	N/A	ND	PASS

### Microbiology Analysis

PCR

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

**Method:** QSP 1221 - Analysis of Microbiological Contaminants

#### MICROBIOLOGY TEST RESULTS (PCR) - 03/15/2026 ✔ PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
<i>Aspergillus flavus</i>	Not Detected in 1g	ND	PASS
<i>Aspergillus fumigatus</i>	Not Detected in 1g	ND	PASS
<i>Aspergillus niger</i>	Not Detected in 1g	ND	PASS
<i>Aspergillus terreus</i>	Not Detected in 1g	ND	PASS
<i>Salmonella spp.</i>	Not Detected in 1g	ND	PASS
Shiga toxin-producing <i>Escherichia coli</i>	Not Detected in 1g	ND	PASS

### Foreign Material Analysis

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

#### FOREIGN MATERIAL TEST RESULTS - 03/13/2026 ✔ PASS

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 Analysis

**Method:** QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

#### WATER ACTIVITY TEST RESULTS - 03/15/2026 ✔ PASS

COMPOUND	LOD/LOQ (Aw)	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
Water Activity	0.030 / 0.15	0.65	±0.003	0.48	PASS

#### NOTES

Sample serving mass provided by client. Sample unit mass provided by client.