



Your Lab Results are Ready

At Populum, we started with a mission of quality and transparency. We hold ourselves to the highest standard by conducting multiple in-house and third-party lab tests to ensure the quality of our products. For every batch we produce, we test for toxins and to certify its concentration.

To obtain an official copy of the third-party report, please scan the QR code below or contact us at support@populum.com



Test conducted by Analytical 360.

UID Number: ANL0034402
Tested on: 5/02/2020
Lot #: 2010801
MFG Date: 4/17/2020

Populum 250mg Certificate of Analysis

These test results are the final formulation in your bottle. We test the potency of the active ingredients from the batch ('lot') your bottle was taken from after we mix the other ingredients in (like grapeseed oil & orange oil). This ensures that your bottle has the potency marked on the label.

| Cannabinoid Profile & Potency | Result | Units |
|-------------------------------------|-------------|-------------|
| Cannabidiol (CBD) | 8.14 | mg/g |
| Delta-9-Tetrahydrocannabinol (THC)* | 0.40 | mg/g |
| Cannabigerol (CBG) | 0.09 | mg/g |
| Cannabigerolic acid (CBGA) | < 0.01 | mg/g |
| Cannabinol (CBN) | 1.04 | mg/g |
| Cannabichromene (CBC) | 0.29 | mg/g |
| Total Activated Cannabinoids | 9.95 | mg/g |

| Terpene Profile | Result | Units |
|-----------------|--------|-------|
| Alpha Pinene | 0.83 | mg/g |
| Beta Pinene | 0.22 | mg/g |
| Myrcene | 3.29 | mg/g |
| Limonene | 25.55 | mg/g |

* This product contains less than 0.3% THC per hemp regulation.

How to read your lab result

- Full-spectrum:** Hemp extracts that contain multiple cannabinoids & terpenes. In addition to CBD, there are many other cannabinoids, such as cannabigerol (CBG), cannabinol (CBN), cannabichromene (CBC), and terpenes. These compounds are known to work together to provide an entourage effect.
- Cannabinoids:** A group of chemical compounds extracted from hemp. Examples are CBD, CBG, CBN, CBC, and hundreds of others.
- Terpenes:** Aromatic essential oils that are naturally occurring in hemp plants.
- Mycotoxin:** Toxic byproducts of fungi that can cause disease and death in humans. Lab tests ensure that both aflatoxins and ochratoxins are non-detectable.
- Residual Solvents:** Also known as volatile organic compounds (VOCs), these are FDA regulated solvents for dietary products that can cause harmful exposure for humans. Lab tests ensure levels are non-detectable.

| Mycotoxin Testing | Result | Limit | Status |
|-------------------|--------|----------|--------|
| Total Aflatoxin | ND | < 20 ppb | Pass |
| Total Ochratoxin | ND | < 20 ppb | Pass |

| Residual Solvent Test | Status** | Limit | Units |
|-------------------------|----------|----------------|------------|
| Propane | ND | < 20 | ppm |
| Isobutane | ND | < 20 | ppm |
| Butane | ND | < 20 | ppm |
| Acetone | ND | < 20 | ppm |
| Toluene | ND | < 20 | ppm |
| Pentane | ND | < 20 | ppm |
| Isopropanol | ND | < 20 | ppm |
| Hexane | ND | < 20 | ppm |
| Heptane | ND | < 20 | ppm |
| Methanol | ND | < 20 | ppm |
| Acetonitrile | ND | < 20 | ppm |
| Dichloromethane | ND | < 20 | ppm |
| Ethyl Acetate | ND | < 20 | ppm |
| Chloroform | ND | < 2 | ppm |
| Cyclohexane | ND | < 20 | ppm |
| Benzene | ND | < 2 | ppm |
| Ethyl Benzene | ND | < 20 | ppm |
| m + p Xylenes | ND | < 20 | ppm |
| o Xylene | ND | < 20 | ppm |
| Total Xylenes | ND | < 20 | ppm |
| Total Solvents † | | < 20 | ppm |

† Limit guidelines for residual solvents in Canada & Washington state are 5000 ppm.

** ND: Non Detectable



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Test conducted by Analytical 360.

UID Number: ANL0034621
Tested on: 05/14/2020
Lot #: 2010802
MFG Date: 04/17/2020

Populum 500mg Certificate of Analysis

These test results are the final formulation in your bottle. We test the potency of the active ingredients from the batch ('lot') your bottle was taken from after we mix the other ingredients in (like grapeseed oil & orange oil). This ensures that your bottle has the potency marked on the label.

| Cannabinoid Profile & Potency | Result | Units |
|-------------------------------------|--------------|-------------|
| Cannabidiol (CBD) | 16.79 | mg/g |
| Delta-9-Tetrahydrocannabinol (THC)* | 0.76 | mg/g |
| Cannabigerol (CBG) | 0.18 | mg/g |
| Cannabigerolic acid (CBGA) | 0.01 | mg/g |
| Cannabinol (CBN) | 1.25 | mg/g |
| Cannabichromene (CBC) | 0.58 | mg/g |
| Total Activated Cannabinoids | 19.71 | mg/g |

| Terpene Profile | Result | Units |
|-----------------|--------|-------|
| Alpha Pinene | 0.14 | mg/g |
| Beta Pinene | < 0.01 | mg/g |
| Myrcene | 0.54 | mg/g |
| Limonene | 20.80 | mg/g |

* This product contains less than 0.3% THC per hemp regulation.

How to read your lab result

- Full-spectrum:** Hemp extracts that contain multiple cannabinoids & terpenes. In addition to CBD, there are many other cannabinoids, such as cannabigerol (CBG), cannabinol (CBN), cannabichromene (CBC), and terpenes.
- Cannabinoids:** A group of chemical compounds extracted from hemp. Examples are CBD, CBG, CBN, CBC, and hundreds of others.
- Terpenes:** Aromatic essential oils that are naturally occurring in hemp plants.
- Mycotoxin:** Toxic byproducts of fungi that can cause disease and death in humans. Lab tests ensure that both aflatoxins and ochratoxins are non-detectable.
- Residual Solvents:** Also known as volatile organic compounds (VOCs), these are FDA regulated solvents for dietary products that can cause harmful exposure for humans. Lab tests ensure levels are non-detectable.
- Heavy Metals:** Presence of heavy metals can lead to heavy metal toxicity in the body. Lab tests ensure levels are non-detectable.
- Pesticides:** Pesticides are meant to keep insects and other unwelcome visitors away from crops, and can be harmful to humans. Lab tests ensure levels are non-detectable.

| Mycotoxin Testing | Result ** | Limit | Status |
|-------------------|-----------|----------|--------|
| Total Aflatoxin | ND | < 20 ppb | Pass |
| Total Ochratoxin | ND | < 20 ppb | Pass |

| Residual Solvent Test | Status | Limit | Units |
|-------------------------|--------|----------------|------------|
| Propane | ND | < 20 | ppm |
| Isobutane | ND | < 20 | ppm |
| Butane | ND | < 20 | ppm |
| Acetone | ND | < 20 | ppm |
| Total Solvents † | | < 20 | ppm |

| Heavy Metals Testing | Result | Limit | Status |
|----------------------|--------|-----------|--------|
| Arsenic | ND | 10 ug/5g | Pass |
| Cadmium | ND | 4.1 ug/5g | Pass |
| Lead | ND | 6 ug/5g | Pass |
| Mercury | ND | 2 ug/5g | Pass |

| Pesticides Testing | Result | Limit | Status |
|--------------------|--------|---------|--------|
| Abamectin Total | ND | 0.5 ppm | Pass |
| MGK-264 Total | ND | 0.2 ppm | Pass |
| Permethrins Total | ND | 0.2 ppm | Pass |
| Pyrethrins Total | ND | 1.0 ppm | Pass |
| Spinosad Total | ND | 0.2 ppm | Pass |

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Test conducted by Analytical 360.

UID Number: ANL0034403
Tested on: 5/02/2020
Lot #: 2010855
MFG Date: 4/17/2020

Populum 1000mg Certificate of Analysis

These test results are the final formulation in your bottle. We test the potency of the active ingredients from the batch ('lot') your bottle was taken from after we mix the other ingredients in (like grapeseed oil & orange oil). This ensures that your bottle has the potency marked on the label.

| Cannabinoid Profile & Potency | Result | Units |
|-------------------------------------|--------------|-------------|
| Cannabidiol (CBD) | 32.75 | mg/g |
| Delta-9-Tetrahydrocannabinol (THC)* | 1.44 | mg/g |
| Cannabigerol (CBG) | 0.38 | mg/g |
| Cannabigerolic acid (CBGA) | 0.07 | mg/g |
| Cannabinol (CBN) | 1.10 | mg/g |
| Cannabichromene (CBC) | 1.17 | mg/g |
| Total Activated Cannabinoids | 36.92 | mg/g |

| Terpene Profile | Result | Units |
|-----------------|--------|-------|
| Alpha Pinene | 0.97 | mg/g |
| Beta Pinene | 0.26 | mg/g |
| Myrcene | 3.88 | mg/g |
| Limonene | 24.62 | mg/g |

* This product contains less than 0.3% THC per hemp regulation.

How to read your lab result

- Full-spectrum:** Hemp extracts that contain multiple cannabinoids & terpenes. In addition to CBD, there are many other cannabinoids, such as cannabigerol (CBG), cannabinol (CBN), cannabichromene (CBC), and terpenes. These compounds are known to work together to provide an entourage effect.
- Cannabinoids:** A group of chemical compounds extracted from hemp. Examples are CBD, CBG, CBN, CBC, and hundreds of others.
- Terpenes:** Aromatic essential oils that are naturally occurring in hemp plants.
- Mycotoxin:** Toxic byproducts of fungi that can cause disease and death in humans. Lab tests ensure that both aflatoxins and ochratoxins are non-detectable.
- Residual Solvents:** Also known as volatile organic compounds (VOCs), these are FDA regulated solvents for dietary products that can cause harmful exposure for humans. Lab tests ensure levels are non-detectable.

| Mycotoxin Testing | Result | Limit | Status |
|-------------------|--------|----------|--------|
| Total Aflatoxin | ND | < 20 ppb | Pass |
| Total Ochratoxin | ND | < 20 ppb | Pass |

| Residual Solvent Test | Status** | Limit | Units |
|-------------------------|----------|----------------|------------|
| Propane | ND | < 20 | ppm |
| Isobutane | ND | < 20 | ppm |
| Butane | ND | < 20 | ppm |
| Acetone | ND | < 20 | ppm |
| Toluene | ND | < 20 | ppm |
| Pentane | ND | < 20 | ppm |
| Isopropanol | ND | < 20 | ppm |
| Hexane | ND | < 20 | ppm |
| Heptane | ND | < 20 | ppm |
| Methanol | ND | < 20 | ppm |
| Acetonitrile | ND | < 20 | ppm |
| Dichloromethane | ND | < 20 | ppm |
| Ethyl Acetate | ND | < 20 | ppm |
| Chloroform | ND | < 2 | ppm |
| Cyclohexane | ND | < 20 | ppm |
| Benzene | ND | < 2 | ppm |
| Ethyl Benzene | ND | < 20 | ppm |
| m + p Xylenes | ND | < 20 | ppm |
| o Xylene | ND | < 20 | ppm |
| Total Xylenes | ND | < 20 | ppm |
| Total Solvents † | | < 20 | ppm |

† Limit guidelines for residual solvents in Canada & Washington state are 5000 ppm.

** ND: Non Detectable