



# 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](mailto:support@populum.com)



Test conducted by Analytical 360.

UID Number: ANL0033903  
Tested on: 4/10/2020

## Cold Therapy Rub 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)	129.49	mg/s
Delta-9-Tetrahydrocannabinol (THC)*	< 0.01	mg/s
Cannabigerol (CBG)	< 0.01	mg/s
Cannabigerolic acid (CBGA)	< 0.01	mg/s
Cannabinol (CBN)	< 0.01	mg/s
Cannabichromene (CBC)	< 0.01	mg/s
<b>Total Activated Cannabinoids</b>	<b>129.49</b>	<b>mg/s</b>

Terpene Profile	Result	Units
Alpha Pinene	< 0.01	mg/s
Beta Pinene	< 0.01	mg/s
Caryophyllene	61.00	mg/s
Limonene	< 0.01	mg/s

\* This product contains less than 0.3% THC per hemp regulation.  
\*\* Serving size (s) = 3 fl oz / 90 g

## 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.
- Microbial:** Microbes that are unintendedly present in a substance and potentially harmful. This could be bacteria, fungi, viruses, or other toxins. 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

Microbial Testing	Status	Limit	Status
Bile-Tolerant Gram Negative Bacteria	ND	< 1000 CFU/g	Pass
Salmonella spp.	ND	Any Detected	Pass
Escherichia coli	ND	Any Detected	Pass

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

\* ND: Non Detectable