



Your Lab Results are Ready

For help understanding these results, or to obtain a copy of the third party report, please contact us at

support@populum.com



Approved by Dr Paul Mathews. Test conducted by Analytical 360.

Lot Number: 1830401
 Tested on: 11/02/2018

Populum 250mg Certificate of Analysis

Below are the test results of 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 & orange oil). This ensures that your bottle has the potency marked on the label.

Cannabinoid Profile & Potency	Result	Units
Cannabidiol (CBD)	8.89	mg/g
Cannabidiol (CBDV)	< 0.01	mg/g
Cannabidiol Acid (CBDA)	< 0.01	mg/g
Delta-9-Tetrahydrocannabinol (THC)	< 0.01	mg/g
Tetrahydrocannabinol (THCV)	< 0.01	mg/g
Delta-9-Tetrahydrocannabinolic Acid (THCA)	< 0.01	mg/g
Cannabigerol (CBG)	< 0.01	mg/g
Cannabigerolic acid (CBGA)	< 0.01	mg/g
Cannabinol (CBN)	< 0.01	mg/g
Cannabichromene (CBC)	0.99	mg/g
Total Cannabinoids	9.88	mg/g

Full Spectrum Oil Certificate of Analysis

We test the raw hemp extract before we formulate the product. This test ensures it doesn't have any nasties like pesticides, solvents, and mycotoxins.

Mycotoxin Testing	Result	Limit	Status
Total Aflatoxin	< 4 ppb	< 20 ppb	Pass
Total Ochratoxin	< 4 ppb	< 20 ppb	Pass

Terpene Profile	Result	Units	Makeup
Alpha Pinene	< 0.01	mg/g	< 0.01 %
Beta Pinene	< 0.01	mg/g	< 0.01 %
Myrcene	0.02	mg/g	< 0.01 %
Ocimene	< 0.01	mg/g	< 0.01 %
Limonene	< 0.01	mg/g	< 0.01 %
Terpinolene	< 0.01	mg/g	< 0.01 %
Linalool	< 0.01	mg/g	< 0.01 %
Caryophyllene	0.20	mg/g	0.02 %
Humulene	0.10	mg/g	< 0.01 %
Total Terpene	0.33	mg/g	0.03 %

Residual Solvent Test	Result	Units
Propane	< 20	ppm
Isobutane	< 20	ppm
Butane	< 20	ppm
Acetone	< 20	ppm
Toluene	< 20	ppm
Pentane	140	ppm
Isopropanol	< 20	ppm
Hexane	< 20	ppm
Heptane	< 20	ppm
Methanol	< 20	ppm
Acetonitrile	< 20	ppm
Dichloromethane	< 20	ppm
Ethyl Acetate	< 20	ppm
Chloroform	< 2	ppm
Cyclohexane	< 20	ppm
Benzene	< 2	ppm
Ethyl Benzene	< 20	ppm
m + p Xylenes	< 20	ppm
o Xylene	< 20	ppm
Total Xylenes	< 20	ppm
Total Solvents	140	ppm



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Full Spectrum Oil Certificate of Analysis

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Mycotoxin Testing	Result	Limit	Status
Total Aflatoxin	< 4 ppb	< 20 ppb	Pass
Total Ochratoxin	< 4 ppb	< 20 ppb	Pass

Terpene Profile	Result	Units	Makeup
Alpha Pinene	< 0.01	mg/g	< 0.01 %
Beta Pinene	< 0.01	mg/g	< 0.01 %
Myrcene	0.02	mg/g	< 0.01 %
Ocimene	< 0.01	mg/g	< 0.01 %
Limonene	< 0.01	mg/g	< 0.01 %
Terpinolene	< 0.01	mg/g	< 0.01 %
Linalool	< 0.01	mg/g	< 0.01 %
Caryophyllene	0.20	mg/g	0.02 %
Humulene	0.10	mg/g	< 0.01 %
Total Terpene	0.33	mg/g	0.03 %

UID Number: ANL0017106
 Tested on: 11/19/2018

Populum 500mg Certificate of Analysis

Below are the test results of 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 & orange oil). This ensures that your bottle has the potency marked on the label.

Cannabinoid Profile & Potency	Result	Units
Cannabidiol (CBD)	19.26	mg/g
Cannabidiol (CBDV)	< 0.01	mg/g
Cannabidiol Acid (CBDA)	0.51	mg/g
Delta-9-Tetrahydrocannabinol (THC)*	1.86	mg/g
Tetrahydrocannabivarin (THCV)	< 0.01	mg/g
Delta-9-Tetrahydrocannabinolic Acid (THCA)	< 0.01	mg/g
Cannabigerol (CBG)	0.52	mg/g
Cannabigerolic acid (CBGA)	< 0.01	mg/g
Cannabinol (CBN)	1.15	mg/g
Cannabichromene (CBC)	4.99	mg/g
Total Activated Cannabinoids	27.78	mg/g

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

Residual Solvent Test	Status**	Result	Units
Propane	ND	< 20	ppm
Isobutane	ND	< 20	ppm
Butane	ND	< 20	ppm
Acetone	ND	< 20	ppm
Toluene	ND	< 20	ppm
Pentane		140	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 †		140	ppm

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

** ND: Non Detectable



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Approved by Dr Paul Mathews. Test conducted by Analytical 360.

UID Number: ANL0017107
 Tested on: 11/19/2018

Populum 1000mg Certificate of Analysis

Below are the test results of 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 & orange oil). This ensures that your bottle has the potency marked on the label.

Cannabinoid Profile & Potency	Result	Units
Cannabidiol (CBD)	38.19	mg/g
Cannabidivarin (CBDV)	< 0.01	mg/g
Cannabidiol Acid (CBDA)	0.53	mg/g
Delta-9-Tetrahydrocannabinol (THC)*	1.80	mg/g
Tetrahydrocannabivarin (THCV)	< 0.01	mg/g
Delta-9-Tetrahydrocannabinolic Acid (THCA)	< 0.01	mg/g
Cannabigerol (CBG)	0.54	mg/g
Cannabigerolic acid (CBGA)	< 0.01	mg/g
Cannabinol (CBN)	1.02	mg/g
Cannabichromene (CBC)	5.12	mg/g
Total Activated Cannabinoids	46.67	mg/g

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

Full Spectrum Oil Certificate of Analysis

We test the raw hemp extract before we formulate the product. This test ensures it doesn't have any nasties like pesticides, solvents, and mycotoxins.

Mycotoxin Testing	Result	Limit	Status
Total Aflatoxin	< 4 ppb	< 20 ppb	Pass
Total Ochratoxin	< 4 ppb	< 20 ppb	Pass

Terpene Profile	Result	Units	Makeup
Alpha Pinene	< 0.01	mg/g	< 0.01 %
Beta Pinene	< 0.01	mg/g	< 0.01 %
Myrcene	0.02	mg/g	< 0.01 %
Ocimene	< 0.01	mg/g	< 0.01 %
Limonene	< 0.01	mg/g	< 0.01 %
Terpinolene	< 0.01	mg/g	< 0.01 %
Linalool	< 0.01	mg/g	< 0.01 %
Caryophyllene	0.20	mg/g	0.02 %
Humulene	0.10	mg/g	< 0.01 %
Total Terpene	0.33	mg/g	0.03 %

Residual Solvent Test	Status**	Result	Units
Propane	ND	< 20	ppm
Isobutane	ND	< 20	ppm
Butane	ND	< 20	ppm
Acetone	ND	< 20	ppm
Toluene	ND	< 20	ppm
Pentane		140	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 †		140	ppm

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

** ND: Non Detectable