



Phytatest Labs

# Phytatest Labs Analysis Report

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[www.phytatest.com](http://www.phytatest.com)

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**Client Info:**

**Okanagan CBD**

**Report Date:**

**26-Jul-19**

**Sample submitted:**

**CBD Isolate Batch #1005**

**Notes:**

\*When reporting totals, acidic cannabinoids are multiplied by 0.877 to account for loss of mass from decarboxylation upon heating; therefore this is the **POTENTIAL** amount upon complete decarboxylation from smoking/ vaping.

Cannabinoid Profile	Percent by weight	mg/g
Δ9 THC (activated)	-	-
Δ8 THC (activated)	-	-
THC -Acid (not-activated)	-	-
<b>*THC total (THC-Acid+Δ9+Δ8 THC)</b>	-	-
CBD (activated)	99.55	995.5
CBD-Acid (not activated)	-	-
<b>*CBD total (CBD-Acid+CBD)</b>	<b>99.55</b>	<b>995.5</b>
CBG (activated)	-	-
CBG-Acid (not activated)	-	-
<b>*CBG total (CBG-Acid+CBG)</b>	-	-
CBDV (activated)	0.44	4.4
CBDV-Acid (not activated)	-	-
<b>*CBDV total (CBDV-Acid + CBDV)</b>	<b>0.44</b>	<b>4.4</b>
THCV (activated)	-	-
THCV-Acid (not activated)	-	-
<b>*THCV total (THCV-Acid + THCV)</b>	-	-
<b>CBN</b>	-	-
<b>CBC</b>	-	-
<b>Total Activated Cannabinoids</b>	<b>99.99</b>	<b>999.9</b>

Tested via GC-FID *none detected*

Terpene Profile	% wt	mg/g
Alpha Pinene	-	-
Camphene	-	-
Sabinene	-	-
Beta Myrcene	-	-
Beta Pinene	-	-
Alpha Phyllandrene	-	-
3 Carene	-	-
Alpha Terpinene	-	-
Limonene	-	-
Ocimene	-	-
Eucalyptol	-	-
Gamma Terpinene	-	-
Sabinene hydrate	-	-
Terpinolene	-	-
Linalool	-	-
Fenchone	-	-
Endo Fenchyl Alcohol	-	-
Isopulegol	-	-
Camphor	-	-
Menthol	-	-
Borneol	-	-
Alpha Terpineol	-	-
Nerol	-	-
Geraniol	-	-
Pulegone	-	-
Geraniol acetate	-	-
Alpha Cedrene	-	-
Beta Caryophyllene	-	-
Alpha Humulene	-	-
Valencene	-	-
Cis-Nerolidol	-	-
Trans-Nerolidol	-	-
Guaiol	-	-
Caryophyllene oxide	-	-
Cedrol	-	-
Alpha Bisabolol	-	-
<b>Terpene Total</b>	<b>0.00</b>	<b>0.0</b>

**Residual Solvents Screen:**

*No residual solvent detected.*

*Analysis by GC-FID*

Solvent Compound	Detected (ppm)	USP Limit (ppm)	Pass/Fail
Butane	-	5000	P
Iso-butane	-	5000	P
Iso-propanol	-	5000	P
Ethanol	-	5000	P
Pentane	-	5000	P
Hepatan	-	5000	P
Acetone	-	5000	P
Methanol	-	3000	P
Xylene (mix of isomers)	-	2170	P
Toluene	-	890	P
Tetrahydrofuran	-	720	P
Acetonitrile	-	410	P
Hexane	-	290	F
Chloroform	-	60	P
Carbon Tetrachloride	-	4	P
Benzene	-	2	P

\*Limits set by United States Pharmacopoeia 40 (467)

**Microbial Test Summary Table:**

*Tested via Petrifilm™ plate count*

*\*American Herbal Pharmacopoeia 2014*

Test Performed	CFU/g	Acceptable Limits/g	Pass (P) / Fail (F)
Total yeasts/ moulds	nd	1,000	P
Total aerobic bacteria	nd	10,000	P
Total coliforms	nd	100	P
E. coli (pathogenic strains)	nd	0	P

nd = no colonies detected in 1 gram.

CFU - colony forming units