



Phytatest Labs

Phytatest Labs Analysis Report

PO Box 333, Cobble Hill B.C. V0R 1L0

www.phytatest.com

Contact: 250-743-8382

info@phytatest.com

Client Info:

Yappetizers Treat Company

Report Date:

6-Jul-18

Sample submitted:

CBD infused coconut oil

Notes:

mg/ml results are based on the average density of coconut oil (0.95 g/ml)

Results indicate approximately 6.5 mg/ml CBD, which is slightly higher than the label claim (6.5 mg/ml x 50 ml = 325 mg CBD).

Coconut oil density ranges from 0.94-0.96 g/ml which could add to the error rate in analysis.

*When reporting totals, acidic cannabinoids are multiplied by 0.877 to account for loss of mass from decarboxylation upon heating.

Tested via HPLC-DAD

Cannabinoid Profile	Percent by weight	mg/g	mg/ml
Δ9 THC (activated)	0.077	0.77	0.73
Δ8 THC (activated)	-	-	-
THC -Acid (not-activated)	0.07	0.7	0.7
*THC total (THC-Acid+Δ9+Δ8 THC)	0.14	1.4	1.4
CBD (activated)	0.67	6.7	6.3
CBD-Acid (not activated)	0.02	0.2	0.2
*CBD total (CBD-Acid+CBD)	0.69	6.9	6.5
CBG (activated)	0.01	0.1	0.1
CBG-Acid (not activated)	-	-	-
*CBG total (CBG-Acid+CBG)	0.01	0.1	0.1
CBV (activated)	-	-	-
CBV-Acid (not activated)	-	-	-
*CBV total (CBV-Acid + CBV)	-	-	-
THCV (activated)	-	-	-
THCV-Acid (not activated)	-	-	-
*THCV total (THCV-Acid + THCV)	-	-	-
CBN	-	-	-
CBC	-	-	-
Total Activated Cannabinoids	0.84	8.4	7.9

Tested via GC-FID

N/A

Terpene Profile	% wt	mg/g
Alpha Pinene		
Camphene		
Sabinene		
Beta Myrcene		
Beta Pinene		
Alpha Phyllandrene		
β 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		
Terpene Total	0.00	0.0

Residual Solvents Screen:

N/A

Analysis by GC-FID

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

*Limits set by United States Pharmacopoeia 40 (467)