

Thank you for choosing CARO for your cannabis testing needs!

The following tables outline the sample volumes required for each test, and combination of tests. Please note that in many cases the required volume for a package is less than the sum of the individual test volumes. Samples are to be submitted to CARO's Burnaby Laboratory:


 108-4475 Wayburne Drive, Burnaby BC, V5G 4X4
Tel: (604) 279-1499 or Toll Free: (888) 311-8846

Table 1. Canadian Cannabis Regulatory Packages

Canadian Cannabis Regulations Package	Analyses	Sample Vol. (Solid - g)	Sample Vol. (Oil - ml)	Total Volume: Micro + Chem
Chemistry Tests	Potency (5), Aflatoxins, Pesticides, Heavy Metals, Foreign Matter, Residual Solvents (Oil Only)	10	12	55 g / 57 mL
Microbiology Tests - USP*	BTGN Bacteria, E. Coli, Total Aerobic Count, Total Yeast and Molds, Salmonella (10g)	45	45	
Microbiology Tests - EP*	BTGN Bacteria, E. Coli, Total Aerobic Count, Total Yeast and Molds, Salmonella (25g)	45	45	

*If Staphylococcus Aureus & Pseudomonas aeruginosa are also required, please include an additional 5g/5mL for EP method and 10g/10mL for USP method.

Table 2. Individual Chemistry Tests

Cannabis Chemistry Tests	Method	Sample Vol. (Solid - g)	Sample Vol. (Oil - ml)
Aflatoxins *	USP <561>	2	2
Cannabinoids (16) **	In House	2	2
Potency * (THC, THCA, CBD, CBDA, CBN)			
Foreign Matter *	USP <561>	2	2
Heavy Metals *	USP <561>	2	2
Loss on Drying	USP <731>	2	2
Ochratoxin A	EP 2.8.22	2	2
Pesticides * (Full Health Canada List - 96)	In House	2	2
Residual Solvents	USP <467>	2	2
Terpenes	In House	2	2

*Included in the Canadian Cannabis Regulations Package (see Table 1). "Potency" parameters refer only to the 5 compounds listed, as required by the Canadian Cannabis Regulations Package.

**Cannabinoids (16) analysis includes the 5 potency compounds listed above, in addition to 11 others.

Table 3. Individual EP Method Microbiological Tests

Individual Tests			
	EP Method	Sample Vol. (solid - g)	Sample Vol. (Oil - mL)
Bile-Tolerant Gram-Negative Bacteria (BTGN)	2.6.31	5	5
E.Coli	2.6.31	5	5
Pseudomonas aeruginosa	2.6.13	5	5
Salmonella	2.6.31	30	30
Staphylococcus aureus	2.6.13	5	5
Total Aerobic Microbial Count (TAMC)	2.6.12	10	10
Total Yeast and Mold Count (TYMC)	2.6.12	5	5
Frequently Requested Test Combinations			
BTGN, TAMC, TYMC	(see above)	15	15
E.Coli & Salmonella	(see above)	30	30

Table 4. Individual USP Method Microbiological Tests

Individual Tests			
	USP Method	Sample Vol. (solid - g)	Sample Vol. (Oil - mL)
Bile-Tolerant Gram-Negative Bacteria (BTGN)	2021	5	5
E.Coli	2022	25	25
Pseudomonas aeruginosa	62	5	5
Salmonella	2022	25	25
Staphylococcus aureus	62	25	25
Total Aerobic Microbial Count (TAMC)	2021	5	5
Total Yeast and Mold Count (TYMC)	2021	5	5
Frequently Requested Test Combinations			
BTGN, TAMC, TYMC	(see above)	10	10
E.Coli & Salmonella	(see above)	35	35

At CARO, our goal is to help make the consumption of Cannabis safer and Healthier.

We are a Health Canada licensed and CALA-accredited testing laboratory with 30 years of experience providing sound data to regulated industries across Canada.