

## Cannabis Testing Methods and Specifications

Parameter	Test Method	Specification or Limits
Potency	High-Performance Liquid Chromatography, tandem Mass-Spectrometry. (LC-MS/MS)	Not Applicable
Cannabinoid Profile	High-Performance Liquid Chromatography, tandem Mass-Spectrometry. (LC-MS/MS)	Not Applicable
Pesticides	Gas Chromatography, tandem Mass-Spectrometry; (GC-MS/MS) High-Performance Liquid Chromatography, tandem Mass-Spectrometry (LC-MS/MS)	Health Canada
Metals or Heavy Metals	Inductively Coupled Plasma Mass Spectrometry (ICP-MS)	USP-232
Terpenes	Headspace Gas Chromatography with Mass-Spectrometry and/or Flame Ionization Detection (GC-MS; GC-FID)	Not Applicable
Residual Solvents	Headspace Gas Chromatography with Mass-Spectrometry and/or Flame Ionization Detection (GC-MS; GC-FID)	Health Canada
Water Activity	Meter	Not Applicable
Moisture (Loss on Drying)	Gravimetric	Not Applicable
Peroxide value (Oil Rancidity)	Titration (Acetic Acid/IsoOctane)	Not Applicable
Microbial Contaminants	Microbial Enumeration; DNA Extraction	Not yet established*

\* Methods for various microbial contaminants are still being validated and appropriate pharmacopeia requirements will be established during the validation process.