



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.