

Our well equipped laboratory and highly skilled personnel support EU-GMP Certification holders to meet testing requirements for cannabis exports.

Our expertise is built upon over three decades of work with analyzing complex materials for the natural health products, botanicals and pharmaceuticals industries. We maintain strict GMP testing protocols and methodologies to ensure consistent and accurate testing to assess for microbiological quality requirements as specified in the European Pharmacopoeia.



## TESTING SERVICES

### PRODUCTS TESTED

- Dried Flower
- Cannabis Oil (*with carrier oils such as MCT, Coconut, Olive*)
- Fresh Cannabis (*where required*)

### TESTING SERVICES

Cannabinoids Profile	THC, THCA, CBD, CBDA, CBN, delta-8 THC, THCv, CBG, CBC
Identification Tests	Tests A, B, C as per DAB Monograph
Total Aerobic Plate Count	<EP 2.6.12>
Yeast and Mold	<EP 2.6.12>
E. coli	<EP 2.6.31>
Salmonella spp.	<EP 2.6.31>, <EP 2.6.13>
Pseudomonas aeruginosa	<EP 2.6.31>, <EP 2.6.13>
Staphylococcus aureus	<EP 2.6.13>
Bile Tolerant Gram Neg Bacteria	<EP 2.6.31>, <EP 2.6.13>
Aflatoxins	<EP 2.8.18>
Ochratoxin A	<EP 2.8.22>
Pesticides (Dried Cannabis, Oil, Fresh)	<EP 2.8.13>
Heavy Metals	<EP 2.4.27>
Residual Solvents	USP <467>
Ethanol Assay	GC Method
Foreign Matter	<EP 2.8.2>
Ash Insoluble	<EP 2.4.16>
Other Tests	Water Content, Loss of Drying, Etc.

### STABILITY TESTING

Real-time and accelerated stability testing based on ICH Guidelines:

Long Term Ambient Storage Condition:	25°C ± 2°C / 60% RH ± 5% RH
Intermediate Storage Condition:	30°C ± 2°C / 65% RH ± 5% RH
Accelerated Storage Condition:	40°C ± 2°C / 75% RH ± 5% RH

### METHOD DEVELOPMENT & VALIDATION SUPPORT

Full support on method development and validation per ICH guidelines for specific products where official pharmacopeial methods do not always work. In general, this applies to complex formulations which may contain multiple ingredients.

Average routine sample turn-around time is 7-10 business days. Additional rates apply for rush services.

## Canadian Analytical Laboratories

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