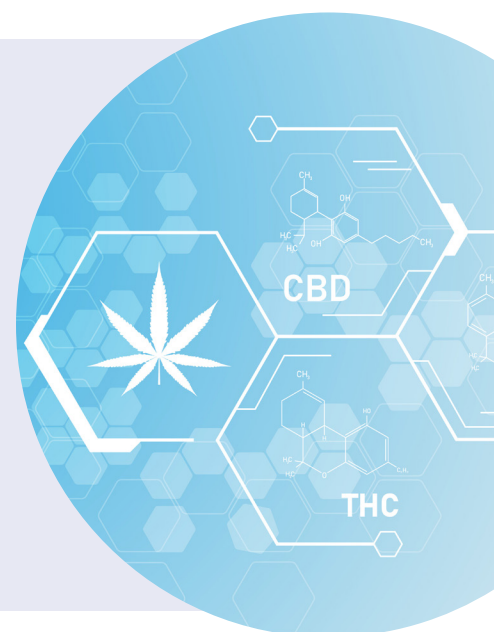


DEVELOPMENT & MANUFACTURE OF SYNTHETIC PHYTOCANNABINOIDS

Eurofins CDMO Alphora Inc. has joined a growing market of Cannabis-related research by offering development & manufacturing services for synthetic phytocannabinoids under the Health Canada Standard Processing License issued within the *Cannabis Act and Cannabis Regulations* for its Oakville, Ontario Operations. This is complementary to the Institutional Research License obtained through Health Canada in June 2021 for its Mississauga development site. We have since developed scalable processes for several naturally occurring phytocannabinoids including CBD, CBDv, THC, THCV, and are preparing processes for others such as CBN, CBDA.

Differentiator

- We have a well-established history in developing scalable API processes for clinical and commercial requirements for the biotech and pharmaceutical industry, and have been successfully inspected by both the **FDA** and **Health Canada**.
- We apply our rigorous API development expertise to produce **well-characterized, synthetic phytocannabinoids and reference standards** of high purity, which are not readily produced through traditional extraction involving cannabis plants or seeds.



Our Capabilities

- Synthetic routes & process development for phytocannabinoid molecules
- Manufacturing processes development for highly pure phytocannabinoids
- Analytical development expertise for quality control
- Reference standards preparation
- cGMP compliant facility
- Project management

DEVELOPMENT & MANUFACTURE OF SYNTHETIC PHYTOCANNABINOIDS

Phytocannabinoids Reference Standards

Eurofins CDMO Alphora Inc. can offer the following Phytoannabinoid Reference Standards at mg to g quantities:

Compound	Purity (a/a% HPLC)
Cannabidiol (CBD)	≥99
Cannabidibutol (CBDB)	≥97
Cannabidivarin (CBDV)	≥99
Δ9-Tetrahydrocannabinol (THC)	≥98
Cannabinol (CBN)	≥99
Cannabidiolic Acid (CBDA)	≥99
CBD analogs	95-99

CBD samples with analytical profiles are available immediately.

Benefits of Synthetic Phytocannabinoids

- Consistent product yields & purity
- ICH compliant specifications
- No plant impurities or heavy metal impurities from soil
- No process-related impurities
- No microbial or mold proliferation
- Supported by registered Drug Master Files

