

# **Contract Development and Commercial Manufacturing Capabilities**

#### **GERMANY** (Upstream)

- Phyton houses a pilot and commercial GMP scale Fermentation facility in Ahrensburg, Germany.
  - 16L to 7500L (Pilot)
  - 1 X 45,000L and 2X 75,000L (195,000L total)
- Fermentation process development for R&D, pilot, scale-up.
- Downstream process and analytical development (Small Molecule and Protein).
- Customized processes for Pharma, Traditional Chinese Medicine, Cosmetic & Food industries.
- Ability to add customer tailored downstream processing suites.
- Project Management support.



#### **CANADA** (Downstream)

- GMP commercial manufacturing facility–25,000 ft<sup>2</sup> near Vancouver, Canada.
- US FDA and Health Canada approved.
- Currently producing two commercial active pharmaceutical ingredients.
- Analytical method development and QA/Regulatory support (DMF).
- Specialized small molecule purification (including high pressure chromatography).
- Semi-synthesis-complex chemistry on isolated active ingredients.
- Project Management support.

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## Check us out at <u>www.phytonbiotech.com</u>