



BioVectra is one of the largest fermenters of potent compounds in North America. We can accommodate pre-clinical to commercial projects and offer dual manufacturing capacity within Canada.

cGMP FERMENTATION

BioVectra has worked for the past 15 years with an extensive range of complex microorganisms in a cGMP commercial environment which has included filamentous fungi, bacteria, *Streptomyces* spp, yeast and *Actinomyces* spp.

To meet increased demand for our services, we are expanding our fermentation capacity from 25,000L to 50,000L with the addition of a second geographically distinct commercial site. We have also retained our core synthetic chemistry competencies to enable chemical modifications and solvent based purification of secondary metabolites produced by microbial fermentation.

Your Manufacturing Partner

SCOPE OF CAPABILITIES

- Dedicated processing areas
- Master cell banking
- Titer optimization
- Solvent handling for organic extractions
- Complex chemical processing
- Engineered broth filtration solutions
- Detailed fermentation process monitoring
- Downstream purification capabilities
- Full process containment (OEL <20ng/m³)
- Scaled process chromatography
- Full complement cGMP analytical testing

EXPERIENCE

- Since 2004 we have handled seven high potent projects (lowest OEL being <20ng/m³)
- Over 20 fermentation projects in the past seven years
- FDA pre-approved inspection for commercial fermentation
- Internal QA support for IND, CMC, and DMF submissions

OTHER MANUFACTURING CAPABILITIES

- Complex Chemical Synthesis
- Biomass Extraction and Purification
- Custom mPEG Functionalization
- High Potency Chemical Processing
- Drug Development

We look forward to discussing your project:

866.883.2872 | info@biovectra.com



VESSELS

R&D:

Shake flask

3 x 20L

Pilot Suite:

1 x 130L

1 x 1,500L

Commercial Suite #1:

2 x 30L

1 x 500L

1 x 1,000L

1 x 10,000L

1 x 15,000L

Commercial Suite #2 (2016):

1 x 100L

1 x 3,000L

2 x 17,000L

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