

## Formulation, process development and GMP manufacturing

Western Sydney University's NICM Health Research Institute serves as a focal point for innovation and independent research, offering a full range of commercial testing and product development services for complementary and integrative medicine, pharmaceuticals, and veterinary products. With extensive experience in pharmaceuticals and natural products NICM Health Research Institute has a range of state-of-the-art equipment and technologies to provide a comprehensive spectrum of custom GMP manufacturing solutions tailored to your needs.

Our dedicated team of experts are focused on offering you flexible, responsible, and customer-centred solutions, covering everything from formulation to scale-up and commercial manufacturing. This commitment is underpinned and supported by our TGA accredited analytical chemistry laboratories, which are equipped to undertake method development, method validation, and stability studies to support new product development activities from ideation to commercial manufacturing.

Located on Western Sydney University's Westmead campus, our facilities will soon be available to manufacture products for clinical trials and provide comprehensive GMP training.

To discuss your project and specific requirements or GMP training needs, please contact:

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### FORMULATION AND DEVELOPMENT SERVICES

- Human and veterinary product development
- Oral dosage forms (powders, granules, capsules and tablets)
- Bench-scale liquid formulation development (Injectables, oral liquids, suspensions)
- Clinical trial sample preparation
- API and excipient characterisation
- Process optimisation

### GMP MANUFACTURING SERVICES

Services will soon include:

- Full manufacture of powders, granules, capsules and tablets for clinical trials and commercial purposes (SME)
- Technology transfer (from pilot to production scale)
- Stability studies at various zonal temperatures and accelerated conditions
- Degradation studies and impurity profiling
- GMP training facility for students
- Labelling and packaging
- Quality management system compliant