



Food Molecular Biology Lab

A dedicated laboratory for food and
feed testing solutions

Molecular biological tests on food products provide valuable information on food quality and authenticity. Species identification, allergens testing, and finding genetic modifications in food are some of the tests carried out at Wipro Life Sciences' food molecular biology lab. We ensure food quality and authenticity by providing testing reports for imported and exported food, feed, and raw materials to verify that they comply with national and international regulatory guidelines.

We offer GMO testing, animal species identification, and allergen testing on a wide array of matrices.

Key takeaways



Our testing lab provides complete GMO detection services, allergens testing, and animal species identification to comply with strict regulations, maintain product quality, and deliver quick turnaround times (TATs).



Wipro's dedicated and knowledgeable team facilitates testing efficiencies by determining the most effective test program for a product or novel protocols according to current regulatory needs.



Our lab runs on a state-of-the-art infrastructure equipped with high-precision instruments such as a real-time PCR system, a thermal cycler, and an automated microplate reader, within stringent audit procedures.



Key Benefits

A top-of-the-line and well-maintained test infrastructure with 24 x 7 operations.

A dedicated technical team with decades of experience and deep domain knowledge to guarantee quality results.

Customized molecular biology solutions as per customer needs with defined turnaround times (TATs).

Lab facilities that offer allergen-, milk-, and meat-testing services.

A customized laboratory information management system (LIMS) that enables seamless laboratory operations with multiple instruments and enforces standard operating procedures and quality control processes.

Features

Our lab offers the following testing services to meet current regulatory needs:



GMO testing: We provide qualitative detections of P35S, TNOS, and FMV P35S regulatory elements. Our team also tests for specific events in GMOs, including nptII, otp/epsps, pat, and cry1 Ab/Ac genes; plant-specific detections; and GMO false-positive identifications.



Plant species identification tests: Our customized tests identify plant species, including rice, maize, soya, cotton, tomato, and papaya in food and feed materials.



Animal species identification tests: We conduct customized animal species identification tests and terrestrial DNA tests to ensure meat authenticity.



Milk and milk products identification tests: Our lab conducts qualitative differentiations of cow and buffalo species in dairy products, as well as A1 and A2 milk identification tests.



Allergen testing: We offer allergen testing for wheat (gluten), soya, milk, peanuts, and tree nuts.

The Wipro lab is accredited by **NABL, IAS (ISO 17025), APEDA, and EIC, and is GLP compliant.**





Wipro Limited
Doddakannelli,
Sarjapur Road,
Bangalore-560 035,
India
Tel: +91 (80) 2844 0011
Fax: +91 (80) 2844 0256
wipro.com

Wipro Limited (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading global information technology, consulting and business process services company. We harness the power of cognitive computing, hyper-automation, robotics, cloud, analytics and emerging technologies to help our clients adapt to the digital world and make them successful. A company recognized globally for its comprehensive portfolio of services,

strong commitment to sustainability and good corporate citizenship, we have over 220,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

For more information,
please write to us at info@wipro.com