NEWS | ALLIED INDUSTRY

Chemical Laboratory in National Test House, Ghaziabad to open its door on Sept 10

NABL-accredited Chemical Laboratory will ensure quality and safety across construction, packaging, water and fertilisers

By **Sanjiv Das** | September 8, 2025



rapid-food-testing-system-to-redefine-food-safety-in-2020

> WordPress post #37256

NABL-accredited Chemical Laboratory will ensure quality and safety across construction, packaging, water and fertilisers

Union Minister for Consumer Affairs, Food and Public Distribution and New & Renewable Energy, Pralhad Joshi will inaugurate the newly constructed state-of-the-art Chemical Laboratory at National Test House (NTH), Ghaziabad on September 10, 2025 in New Delhi.

The lab will provide testing of packaged drinking water and natural mineral water, food packaging materials, enamelled and insulated wires made of aluminium and copper, coal, petroleum coke, bitumen, enamel paints, anti-skid products, filtration media such as sand and gravel, as well as white and coloured chalk.

The Chemical Laboratory will play a central role in testing a wide range of materials, including building construction materials, cement, water, metals, alloys, paper, plastics, organic products, and fertilizers. The laboratory is accredited by NABL under ISO/IEC 17025:2017 and holds approvals from the Bureau of Indian Standards (BIS) under the Outside Laboratory Scheme, the Food Safety and Standards Authority of India (FSSAI), and the Fertilizer (Control) Order, 1985.

The laboratory is equipped with state-of-the-art instruments, including Atomic Absorption Spectrometer (AAS), Inductively Coupled Plasma – Atomic Emission Spectroscopy (ICP-AES), Optical Emission Spectrometer (OES), Gas Chromatography – Mass Spectrometry (GC-MS), High-Performance Liquid Chromatography (HPLC), and Ion Chromatograph. These advanced facilities enable the laboratory to carry out sophisticated and highly accurate analyses across diverse domains. The laboratory also offers training, research, and testing support to universities, engineering colleges, and industries, thereby strengthening the scientific and industrial ecosystem.

Furthermore, the laboratory aims to further expand its scope of testing. Some key plans include facilities for testing fortified food products such as fortified wheat flour, refined flour (maida), nuts, edible oils, and salt enriched with vitamins A and D so as to serve the industry as well as the public at large. The laboratory also plans to introduce testing of various spices and conduct micronutrient analysis in food products, thereby widening its contribution to public health, food safety, and quality assurance.

Read online: https://nuffoodsspectrum.in/news/30/22696/chemical-laboratory-in-national-test-house-ghaziabad-to-open-its-door-on-sept-10.html

© 2026 NUFFOODS Spectrum. All rights reserved.