

Rapid Pathogen Detection



Invisible to the naked eyes, but deadly nonetheless microbial contamination of food causes numerous health and safety problems. It is imperative that microbial cross-contamination is avoided in the food supply chain right from the farm till it reaches the consumers table.

Production line microbial testing along with final produce testing are both crucial to ensure that the food is free of unwanted microbial contaminants. With the fast paced demand of market, industries need faster results.

TUV India Food Testing Laboratory at Pune is now fully equipped to provide our customers with prime quality quick results for pathogen testing. Customers can now get pathogen testing results with our brand new Rapid GDS (Genetic Detection System) which is an integrated solution for pathogen detection that is unparalleled in the testing industry.

The Genetic Detection System at our Pune Food testing laboratory is best in speed and saves over two hours of amplification time per run with its best-in-class GDS cyler which is 100 % faster than the conventional thermal cyclers. This new system also eliminates any potential for cross-reactivity with non-target organisms and thus has the highest level of specificity. This GDS is simple, flexible and easy to run with higher degree of sensitivity.



With this multi-efficient system in place, Pune Food Testing laboratory can now deliver fast and reliable results for the below tests using methods approved by international bodies such as AOAC and the best turn around time (TAT) anyone can ask for.

Organism	Method	TAT
Salmonella	OMA AOAC 2009.03	48 hrs
E.coli O 157	OMA AOAC 2005.04	48 hrs
Listeria spp.	PTM (Performance Tested Methods under AOAC) 070701	72 hrs
Listeria monocytogenes	PTM (Performance Tested Methods under AOAC) 070702	72 hrs



About Us:

TUV India Pvt. Ltd. (TÜV NORD GROUP) is a customer-focused, innovative, and independent, technical, quality & safety services organization, dedicated to providing future-proof solutions through technological excellence for the success of its customers with the highest level of integrity. With a presence at over 40 strategic locations in India; a branch office in Sri Lanka and Bangladesh; state-of-the-art laboratories at Pune, Bengaluru, Noida and Jamnagar; 100 important countries worldwide and through digital means, we are always connected to you, our esteemed customer, anywhere, anytime.

We are proud to provide increasing levels of services to the best known, largest global and national companies as well as medium and small industries in diverse sectors like Oil & Gas, Petro chemical, Nuclear, Renewables, Infrastructure, Food, Power, Manufacturing, Chemicals, Pharma, Paper, Automobiles, Railways, Aerospace, Defence, IT,

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Over 1400 competent and experienced TUV India experts spread across India and over 14000 TÜV NORD experts all over the world, enthusiastically support our clients by providing value-added services in Industry Inspection, European / International Approvals, Management System & IT Certification, Sustainability, Energy Audit, Water Audit, Carbon Services, Building Infrastructure & PMC, Renewable Energy, Food & Packaging Testing, Food Certification & Inspection; Testing of restricted and banned chemicals in Automotive and Electrical & Electronics components and other regulated industries, Product Testing – Electricals, Electronics and Industrial Machinery; Product Certification; Petroleum, Chemicals & Gas Cargo Inspection; Petroleum, Chemicals & Gas Testing; Railway Technology; Engineering, Safety Studies, and knowledge enhancing training programs under TUV India Training Academy.

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