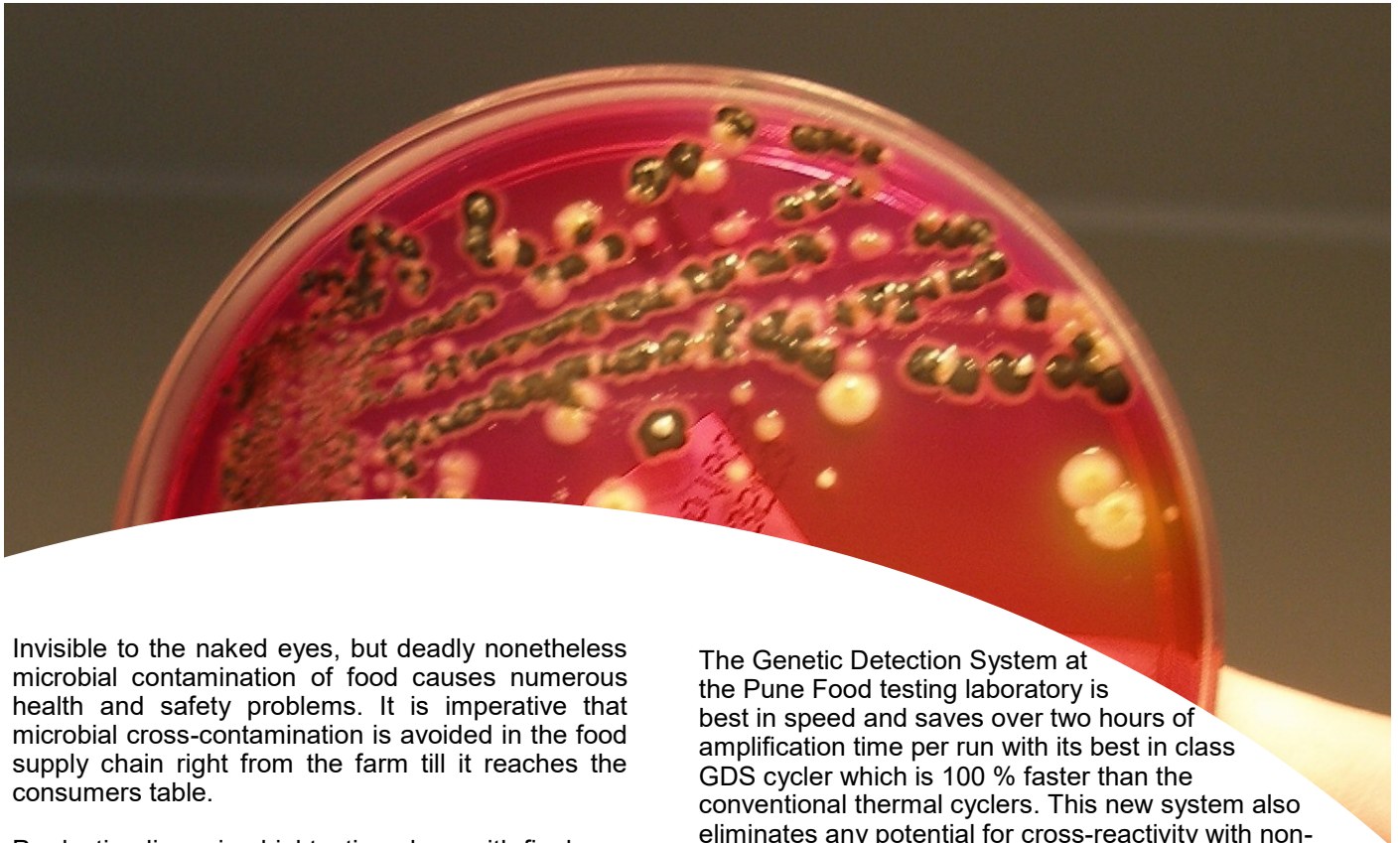


# Rapid Genetic Detection for Pathogens



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 Service:**

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 the Pune Food testing laboratory is best in speed and saves over two hours of amplification time per run with its best in class GDS cyclor 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.



**TÜV NORD GROUP**  
Expertise for your Success



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:

With over 14,000 employees, TÜV NORD GROUP is one of the largest technical service providers, offering its advisory, service and inspection expertise in over 100 countries throughout the world.

Areas of activity include Industrial Services, Certification, Testing, Product Certification, Mobility, Training, and IT. TÜV NORD GROUP occupies a unique position in the sector based on its work in the fields of natural resources and aerospace and is firmly committed to its guiding principle and watchword: **"Expertise for your Success"**.

TUV India Pvt. Ltd. was established in 1989 as part of the German RWTÜV group's Indian operations, now the TÜV NORD GROUP, as one of the first Certification Bodies to start operations in India; since then, it has been closely associated with the quality revolution in India. With over 1100 employees in more than 25 locations across India, TUV India is never far from its customers.

TUV India Pvt. Ltd. Provides diverse services in Management System Certification, Industrial Services, Infrastructure, Construction, Project Management, Laboratory Testing, Training, Automotive Services, Product Testing & Certification, Sustainability Services and Renewable Energy.



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