

Liquid Sanitizer Efficacy Testing

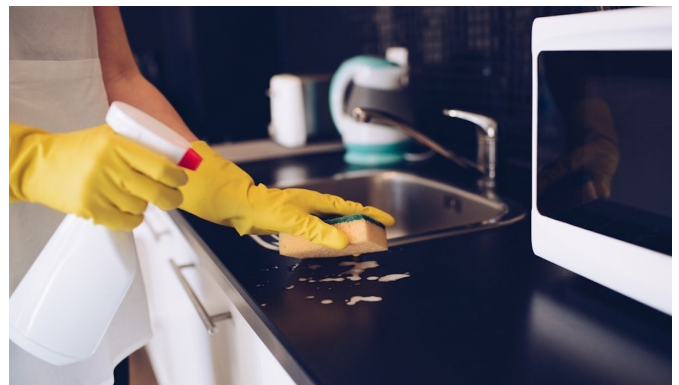


The ongoing COVID-19 pandemic crisis has resulted in an increase in demand and future needs of sanitizers for the safety of humankind. This new business vertical is going to be an essential need around the globe and many industries are now venturing into hand sanitizer productions which makes it crucial that efficacy of liquid sanitizers is tested to avoid sale of substandard products and ensure the safety of consumers.

TUV India Pvt. Ltd is now testing efficacy of liquid sanitizers using a method based on ASTM E2315 (Liquid Suspension Time-Kill Test). This is an excellent method for disinfectant product developers because it is a fast, relatively inexpensive, and reproducible way to measure the biocidal potential of a liquid antimicrobial formulation.

The suspension-based time-kill test has been standardized by ASTM, as ASTM E2315 "Standard Guide for Assessment of Antimicrobial Activity Using a Time-Kill Procedure". The results or efficacy will be expressed as percent Reduction / percent log reduction in organisms under test.

The testing requirements for suspension-based time-kill tests are easy to control in the laboratory setting thus, comparisons can be made fairly easily between various products tested under the same conditions and very brief contact times can be studied with ease. The laboratory can test for various micro-organisms and for different sets of contact times as required by our customers. Apart from this, we can also help the client identify the right contact time required for complete kill efficacy. TUV can also provide guidance and help in designing protocols suitable for your product.



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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 Information Technology.

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 1000 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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