

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 easy 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.

Our Services Portfolio:

- Industrial Inspection
- Management Systems & IT Certification
- Building, Infrastructure and Project Management
- Renewable Energy
- Railway Technology
- Food Certification and Inspection
- Petroleum, Chemical and Gas Cargo Inspection
- Product Certification
- Product Testing (Electronics, Electricals, Battery and Industrial Machinery Testing)
- Food and Packaging Testing
- Advanced Chemical and Material Testing
- Petroleum, Chemical and Gas Testing
- Training Academy



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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