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Singapore launches national standard to validate antimicrobial disinfectant products

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Enables manufacturers to verify claims, regulators to set baselines and consumers to make safer, more informed choices



As public awareness of hygiene and infection control grows in a post-pandemic world, Singapore has launched a strategic national standard to strengthen public health and industry accountability in the rapidly expanding disinfectant market.

Jointly developed by the Duke-NUS Centre of Regulatory Excellence—Standards Development Organisation (CoRE-SDO) and Enterprise Singapore (EnterpriseSG), through the Singapore Standards Council (SSC), the new Singapore Standard (SS) 705 provides a robust, science-based methodology of assessing the effectiveness and durability of antibacterial, antiviral and antifungal surface disinfectants and coatings.

With the global antimicrobial market projected to reach $65.7 billion by 2035, SS 705 comes at a critical moment to fill this gap in industry-wide guidance. It equips manufacturers with a credible validation framework for their claims, offers regulators a consistent reference for monitoring product quality and empowers consumers with confidence in the choices they make to protect their homes, workplaces and communities.

In leveraging SS 705, producers of surface disinfectant products can provide quality assurance to customers that their solutions can meet performance claims. This will provide users with increased confidence in their products, building brand trust and helping to cultivate customer loyalty in the long run. Industry regulators and stakeholders can also tap SS 705 to establish a baseline level of standardised testing and explore new industry benchmarks or regulations.