

## Disinfectant Efficacy Testing

We have 29 European Norms listed under the scope of ISO/IEC 17025 accreditation for disinfectant efficacy testing.

Bactericidal Test		
Area	European Norm	Description
	EN 1040:2005	Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics. (Dilution-neutralization Method)
Medical Area	EN 13727:2012+A2:2015	Quantitative suspension test for the evaluation of bactericidal activity in the medical area. (Dilution-neutralization Method, Modified Dilution-neutralization & Membrane Filtration Method)
	EN 14561:2006	Quantitative carrier test for the evaluation of bactericidal activity for instruments used in the medical area.
	EN 16615:2015	Quantitative test method for the evaluation of bactericidal and yeasticidal activity on non-porous surfaces with mechanical action employing wipes in the medical area (4-field test).
Veterinary Area	EN 1656:2019	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area. (Dilution-neutralization Method)
	EN 14349:2012	Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action.
	EN 16437:2014+A1:2019	Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in veterinary area on porous surfaces without mechanical action.
Food, Industrial, Domestic and Institutional Area	EN 1276:2019	Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas. (Dilution-neutralization Method)
	EN 13697:2015+A1:2019	Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas.

Yeasticidal & Fungicidal Test		
Area	European Norm	Description
	EN 1275:2005	Quantitative suspension test for the evaluation of basic fungicidal or basic yeasticidal activity of chemical disinfectants and antiseptics. (Dilution-neutralization Method)
Medical Area	EN 13624:2013	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area. (Dilution-neutralization Method, Modified Dilution-neutralization & Membrane Filtration Method)
	EN 14562:2006	Quantitative carrier test for the evaluation of fungicidal or yeasticidal activity for instruments used in the medical area.
	EN 16615:2015	Quantitative test method for the evaluation of bactericidal and yeasticidal activity on non-porous surfaces with mechanical action employing wipes in the medical area (4-field test).
Veterinary Area	EN 1657:2016	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the veterinary area. (Dilution-neutralization Method)
	EN 16438:2014	Quantitative surface test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surface without mechanical action.
Food, Industrial, Domestic and Institutional Area	EN 1650:2019	Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas. (Dilution-neutralization Method)
	EN 13697:2015+A1:2019	Quantitative non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas.

Virucidal Test		
Area	European Norm	Description
Medical Area	EN 14476: 2013+A2:2019	Quantitative suspension test for the evaluation of virucidal activity in the medical area. (Quantal Tests)
	EN 17111:2018	Quantitative carrier test for the evaluation of virucidal activity for instruments used in the medical area. (Quantal Tests)
	EN 16777:2018	Quantitative non-porous surface test without mechanical action for the evaluation of virucidal activity of chemical disinfectants used in the medical area.
Veterinary Area	EN 14675:2015	Quantitative suspension test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area. (Quantal Tests)

Tuberculocidal & Mycobactericidal Test		
Area	European Norm	Description
Medical Area	EN 14348:2005	Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants.
	EN 14563:2008	Quantitative carrier test for the evaluation of mycobactericidal or tuberculocidal activity of chemical disinfectants used for instruments in the medical area.
Veterinary Area	EN 14204:2012	Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants and antiseptics used in the veterinary area. (Dilution-neutralization Method)

Sporicidal Test		
Area	European Norm	Description
Medical Area	EN 17126:2018	Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants in the medical area.
Food, Industrial, Domestic and Institutional Area	EN 13704:2018	Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas. (Dilution-neutralization Method)

Hand Hygiene Product		
Area	European Norm	Description
	EN 1499:2013	Hygienic handwash.
	EN 1500:2013	Hygienic handrub.
	EN 12791:2016+A1:2017	Surgical hand disinfection.

Others		
Area	European Norm	Description
	EN ISO 21563:2013	Dentistry – Hydrocolloid impression materials
	EN ISO 21530:2004	Materials used for dental equipment surfaces: determination of resistance to chemical disinfectants. (Exclude Section 5.5 – Spray Test)



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Founded on 30 June 2016 in the heart of Kuala Lumpur, Malaysia, Viroxy Sdn. Bhd. is a breath of fresh air among testing laboratories providing microbiological and chemical testing services. Apart from disinfectant efficacy testing services which is the mainstay of Viroxy’s business, the laboratory also offers sterility testing, bioburden testing, chemical testing and environmental monitoring services and product registration consultancy. With exceptionally short turnaround time and affordable rates, the laboratory has radically changed the course of testing laboratories everywhere.

Viroxy is armed with on-site microbiology, chemistry, tissue culture and virology laboratories fitted with the latest equipment and ready to conduct tests on a collection of more than 160 microorganisms including bacteria, fungi, viruses, and spores. Today, the laboratory is well poised to meet the demands of an impressive line-up of international clients while upholding high standards embedded within its work culture.

Bearing testament to the capability and resolution of Viroxy’s workforce in establishing itself as a formidable player in the field is the laboratory’s track record of acquiring ISO/IEC 17025 accreditation with 29 European Norms for disinfectant efficacy testing under the scope within just a few years of incorporation, with other standards currently underway.