



# COMBAT-19 LOG6 REPORT

All our products contain broad spectrum Log6 sanitisation formulations

This means they are effective in killing all pathogens up to a Log6 Level (see below) including:

- Bacteria
- Viruses
- Fungi
- Spores

The definition of a Pathogen is a bacterium, virus, or other micro-organism that can cause disease

The Log Number of a sanitisation product refers to the kill rate as defined by the Sterility Assurance Level (SAL). The higher the Log Number the more efficient the product at reducing the number of pathogens Germicidal kill rate is measured as the number, out of 1,000,000, expected to survive the sanitisation process when using the product.

LOG	EFFICIENCY	PATHOGENS THAT MAY SURVIVE SANITISATION
Log 1	90% efficient	100,000 out of 1,000,000 pathogens may survive sanitisation
Log 2	99%% efficient	10,000 out of 1,000,000 pathogens may survive sanitisation
Log 3	99.9% efficient	1,000 out of 1,000,000 pathogens may survive sanitisation
Log 4	99.99% efficient	100 out of 1,000,000 pathogens may survive sanitisation
Log 5	99.999% efficient	10 out of 1,000,000 pathogens may survive sanitisation
Log 6	99.9998% efficient	1 out of 1,000,000 pathogens may survive sanitisation

Any broad-spectrum sanitizer proven to be 99.9998% (Log 6) is effective in combating the pathogens listed below.

BACTERIA	YEAST & FUNGI
Campylobacter jejuni	Aspergillus flavus
Dipiodia natalensis	Aspergillus niger
Escherichia coli	Aspergillus terreus
Geotrichia coli	Botrutis cinerea
Klebsiella pentoaceticus	Candida albicans
Legionella pneumophila (NCTC 11192)	Candida glabrata
Listeria monocytogenes	Chaetonium globosum
MRSA (clinical strain) Mycobacterium fortutium (NCTC 8573) Protus vulgaris Pseudomonas aeruginosa (ATCC 15442) Salmonel cholerasuis Salmonella typimurium (DT004) Stapylococcus aureus (NCTC6571)	Cladosporium Collectotricum sp. Fusarium sp. Geotrichum candidium Mucor sp. Penicillium sp. Penicillium digitatum

VIRUSES	PROTOZA
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Human Rhinovirus – Retroscreen  
 Virology Influenza A – Retroscreen  
 Virology Human Immunodeficiency Virus (HIV)  
 African swine fever  
 Avian influenza  
 Foot & mouth diease  
 Gumboro virus  
 Herpes virus type 1 & type 2  
 Herpes zoster  
 Hepatitis A & B  
 Newcastle disease  
 Severe Acute Respiratory Syndroms (SARS)  
 Norovirus

Histomonas meleagradis  
 Giardia lamblia  
 Entamoeba histolytica  
 Blastocystis hominis