

## OFFERING DISINFECTANT EFFICACY TESTING

**The spread of disease causing organisms is becoming an ever increasing problem in our environment, and successful elimination of these organisms and the prevention of resistance is constantly under the spotlight.**

### Regulated products

The NRCS (National Regulator For Compulsory Specifications) published a new compulsory specification for surface disinfectants and detergent-disinfectants sold in South Africa. The specification, VC8054:2017 comes into full effect in October 2020 at which point all manufacturers need to comply with the new standards based on the European standards that have been adopted by the SABS.

We are equipped for Disinfectant efficacy testing for registration with the NRCS following the guidelines of VC8054:2017. VC8054:2017 is applicable to all disinfectants for use on inanimate surfaces in all areas of application. Food/industrial/domestic and institutional areas as well as in medical areas such as consulting rooms, clinics or other institutions and for disinfecting of medical instruments by immersion.

#### TEST METHODS FOR FOOD/INDUSTRIAL/ DOMESTIC AND INSTITUTIONAL AREAS:

- > **SANS 51276/EN1276** Bactericidal efficacy against *Escherichia coli*, *Staphylococcus aureus*, *Enterococcus hirae* & *Pseudomonas aeruginosa*
- > **SANS 51650/EN1650** Fungicidal efficacy against *Aspergillus niger* and *Candida albicans*
- > **SANS 53704/EN13704** Sporocidal efficacy against *Bacillus subtilis* spores

#### TEST METHODS FOR MEDICAL AREAS:

- > **SANS 53727/EN13727** Bactericidal efficacy against *Staphylococcus aureus*, *Enterococcus hirae* & *Pseudomonas aeruginosa*
- > **SANS – 53624/EN13624** Fungicidal efficacy *Aspergillus niger* and *Candida albicans*

The latest regulatory specification can be obtained directly on the NRCS [website](#).

### Non-regulated products:

We are also able to perform testing on non-regulated products such as antibacterial hand/body wash according to: **SANS5261** (bactericidal efficacy of anti-bacterial liquid toilet soap) against *Escherichia coli*, *Staphylococcus aureus* & *Pseudomonas aeruginosa*, **And on Alcohol based products against: SANS2231** for bactericidal efficacy of alcohol-based product for general use in medical and domestic/industrial use against *Escherichia coli*, *Staphylococcus aureus* & *Pseudomonas aeruginosa*.

### Specialised testing capabilities

Methods can be customised for additional claims on specific organisms of concern, as well as testing against a specific strain isolated from the environment where development of resistance to the product may be of concern, this might include organisms such as: *Listeria monocytogenes*, *Salmonella* species, etc.

Our testing capabilities can be customised for most product applications, please contact us to develop a specialised protocol should your product not fall within the scope of the above standards.



#### For more information please contact:

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