

Testing is used to validate the antimicrobial effectiveness of a product. At MSL we can test antibacterial, antifungal and sporicidal products. We also have links with labs which can perform the virucidal tests.

At MSL we have an experienced team of microbiologists testing disinfectant products to standard and bespoke methods. We offer technical support to customers and advise on the most suitable test methods for a particular product and situation.

### **Phase 3 – Field or In-Use Tests**

In-use testing involves the antimicrobial evaluation of the product under actual conditions of use. MSL uses published Standard Methods as a basis for field trials, adapting as necessary to accommodate the specific applications of the test product. Samples are taken at the point of use and analysed in the laboratory, applying statistical calculations to validate the results and verify the product claims.





# The Biocidal Products Regulation (BPR)

The Biocidal Products Regulation (BPR) came into force on the 1<sup>st</sup> September 2013, repealing the Biocidal Products Directive (98/8/EC). BPR concerns the placing on the market and the use of biocidal products.

Biocidal products are those designed to control harmful or unwanted organisms such as bacteria, pests and viruses through the action of the active substance. Examples of biocidal products include; disinfectants, alcohol hand washes and insect repellents.

BPR aims to improve Regulation of these products due to their potential dangers to humans, animals and the environment. This is achieved by requiring the registration of active substances and finished products. Biocidal products may only contain active substances that have been previously been approved. (Ref suppliers Article 95)

In the UK the Health and Safety Executive (HSE) are the Competent Authority for Biocides while the European Chemicals Agency (ECHA) is responsible for driving the legislation forward. Both can be consulted for advice on complying with this regulation.

## MSL is able to test to the following standards as requirements of BPR:

		PT01	PT02	PT03	PT04	PT05
<b>Bacteria</b>	13727	✓	✓			
	1276	✓	✓		✓	✓
	1656			✓		
	12791	✓				
	13697		✓		✓	
	14561		✓			
	14349			✓		
	16437			✓		
	1500	✓				
	1499	✓				
<b>Yeast &amp; Fungi</b>	13624	✓	✓			
	1650	✓	✓		✓	✓
	1657			✓		
	14562		✓			
	16438			✓		
<b>Bacterial Spores</b>	13704				✓	
<b>Legionella Virus</b>	13623*				✓	✓
	14476*	✓	✓		✓	
	14675*			✓		

✓ = Tested in house or  
\*subcontract arranged

Please see our UKAS schedule of accreditation for details of our scope – Ref 4045