



Cosmetic & Toiletries

Our experts are available to provide customers with a complete service. This not only includes product testing using Standard Test Methodology but also guidance throughout the development, testing & manufacturing process. We also have a vastly experienced Regulatory team to call upon.

MSL offers a range of testing services for Cosmetic and Toiletries, these tests include:

Enumeration of Aerobic Mesophilic Bacteria (Based on BS EN ISO 21149:2009) & Enumeration of Yeast and Mould (Based on an In-House Method)

These tests are used to determine the number of aerobic microorganisms contained in the product after neutralisation of the preservative system. All products must conform to a standard specification.

BS EN ISO 18415:2011: Detection of specified and non-specified micro-organisms

This test is used for the detection and identification of specified microorganisms in cosmetic products as well as for the detection and identification of other kinds of aerobic mesophilic non-specified microorganisms in cosmetic products.

BS EN ISO 17516:2014, BS EN ISO 22718:2009, BS EN ISO 22717:2009, BS EN ISO 21150:2009, BS EN ISO 18416:2007 Confirmation of the presence/absence of specified organisms

This is applicable for all cosmetics and assists interested parties in the assessment of the microbiological quality of the products. Microbiological testing does not need to be performed on those products considered to be microbiologically low risk.

ISO 11930:2012

Evaluation of the microbial protection of a cosmetic product including Preservative Efficacy Testing (PET). The aim of the Preservative Efficacy Test is to determine the effectiveness of a products preservative system in preventing microbial proliferation if contamination occurs. It is essential that the preservative system is effective in-use to avoid product spoilage and hazards to users.

USP51/EP5.1.3 Pharmacopoeia Standard Preservative Efficacy Test

This test is used to determine the efficacy of a products preservative system and is required on all manufactured toiletries and cosmetics to meet EU regulations.

TM 5.4.5 EU Pharmacopoeia (USP 62 & EP/BP Chapter 2.6.13 Test for Specified Organisms)

This test will allow determination of the absence of specified microorganisms that may be detected in cosmetics and toiletries.

Stability Testing

This test is used to determine the stability of the formulation over time. The product is subjected to various physical parameters to simulate the given shelf life of a product.