

Test	Preservative Efficacy Test of the European Pharmacopoeia (Oral Products)
MCS Test Reference	TMPH I
Quantity of test sample required	100g
Total Test Time	33 days
Information Required	The address and company details of the sender, the sample name / reference and the test required (e.g.TMPH I for oral products). Any details regarding the types and quantities of preservatives used will help us to optimise this test for you.
Send to:	MCS Units 8 & 9 Rock Mill Business Park The Dale Stoney Middleton S32 4TF Samples received by the Tuesday of any week can be tested in that week.
Test Organisms	Staphylococcus aureus
European Pharmacopoeia recommend strains	Pseudomonas aeruginosa Escherichia coli Aspergillus brasiliensis (previously called A niger) Candida albicans Zygosaccharomyces rouxii (for high sugar products)
Test Organisms	Enterobacter cloacae
Wild strains	Pseudomonas aeruginosa Burkholderia cepacia Pseudomonas putida
Sample Time Points	0 hours, 14 days, 28 days
Reporting	Written reports are provided on completion of the test. Full results of the recovery of each organism at each time point will be given along with a pass / fail result relating to the criteria of the European Pharmacopoeia. An early warning by telephone or email is given if a product is failing to meet its specification prior to the completion of the test.

**Microbiological Consultant Services,**  
Unit 8 & 9, Rock Mill Business Park,  
The Dale, Stoney Middleton,  
S32 4TF

**Tel:** 01433 639999 **Fax:** 01433 639947 **Email:** info@mcs.uk.net