

ISO 14729:2001-04 (E)

Ophthalmic optics - Contact lens care products - Microbiological requirements and test methods for products and regimens for hygienic management of contact lenses

| Contents | | Page |
|--------------------|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Principle | 2 |
| 4.1 | General | 2 |
| 4.2 | Stand-alone test (Inoculum challenge test) | 2 |
| 4.3 | Regimen test | 3 |
| 5 | Performance requirements | 3 |
| 5.1 | Stand-alone test: Primary criteria (see also Table 1) | 3 |
| 5.2 | Stand-alone test: Secondary criteria (see also Table 1) | 4 |
| 5.3 | Regimen test: Regimen criteria (see also Table 1) | 4 |
| 6 | Test methods | 5 |
| 6.1 | Materials and reagents | 5 |
| 6.2 | Preparation of microbial challenge (Inoculum) | 6 |
| 6.3 | Stand-alone procedure | 7 |
| 6.4 | Regimen procedure | 10 |
| | Annex A (informative) Test organisms from other culture collections | 13 |
| | Annex B (informative) Example of a membrane filtration procedure | 14 |
| | Annex C (informative) Technical report: Virus testing | 16 |
| | Annex D (informative) Technical report: Acanthamoeba testing | 17 |
| | Annex E (informative) Technical report: Artificial tears (organic soil) in laboratory testing | 18 |
| | Bibliography | 19 |