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Synthetic rubber latex — Examination for microorganisms

Latex de caoutchouc synthétique — Examen des micro-organismes

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Foreword

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This document was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 3, *Raw materials (including latex) for use in the rubber industry*.

Introduction

Synthetic latices are susceptible to post-production contamination with microorganisms during storage and shipment. Unless precautions are taken, such as maintenance of a high pH, the addition of biocide and inspection and cleaning of tanks, these organisms may proliferate, ultimately producing unpleasant odours and changes in the chemical and physical properties of the latex. It is highly desirable to be able to detect the presence of significant microorganisms before such changes develop.

This document replaces ISO 9252:1989, *Synthetic rubber latex – Microbiological examination*, which was withdrawn due to its obsolescence and complicated testing procedures. This document provides a far more simplified method for the purpose of microbiological examination, employing a ready-made medium slide as reagent.