BS ISO 19827:2016

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Water quality — Determination of the acute toxicity to the freshwater rotifer *Brachionus calyciflorus*

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee EH/3/5, Biological Methods.

A list of organizations represented on this committee can be obtained on request to its secretary.

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ISBN 978 0 580 87188 7

ICS 13.060.70

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 29 February 2016.

Amendments issued since publication

Date	Text affected

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INTERNATIONAL STANDARD

ISO 19827

First edition
2016-02-15

Water quality — Determination of the acute toxicity to the freshwater rotifer *Brachionus calyciflorus*

Qualité de l'eau — Détermination de la toxicité aigue envers le rotifère d'eau douce Brachionus calyciflorus

Reference number
ISO 19827:2016(E)

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Foreword

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The committee responsible for this document is ISO/TC 147, *Water quality*, Subcommittee SC 5, *Biological methods*.

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Introduction

The evaluation of harmful effects on chemicals and pollutants on the biota in freshwater environments has for several years involved the performance of biological tests.

Rotifers, and especially the species *Brachionus calyciflorus*, are of interest from the ecotoxicological standpoint, because they are often an important component of the zooplankton and serve as prey for small fish and larger invertebrates.

The test specified in this International Standard involves determination of the lethal effects of toxicants to the freshwater rotifer *Brachionus calyciflorus*, after 24 h exposure.

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