

## HISTORIES OF GUIDELINE DEVELOPMENT FOR THE FOURTH EDITION

### 12. Chemical fact sheets

#### 12.1 Chemical contaminants in drinking-water

##### Trichloroacetic acid

###### ***History of guideline development***

The 1958, 1963 and 1971 WHO *International Standards for Drinking-water* and the first edition of the *Guidelines for Drinking-water Quality*, published in 1984, did not refer to trichloroacetic acid. In the 1993 Guidelines, a provisional guideline value of 0.1 mg/l was derived for trichloroacetic acid, with the provisional designation because of the limitations of the available toxicological database and because there were inadequate data to judge whether the guideline value was technically achievable. It was emphasized that difficulties in meeting the guideline value must never be a reason for compromising adequate disinfection. In the third edition of the Guidelines, published in 2004, a guideline value of 0.2 mg/l was established. This guideline value was brought forward to the fourth edition of the Guidelines, published in 2011.