

HISTORIES OF GUIDELINE DEVELOPMENT FOR THE FOURTH EDITION

12. Chemical fact sheets

12.1 *Chemical contaminants in drinking-water*

Carbon tetrachloride

History of guideline development

The 1958, 1963 and 1971 WHO *International Standards for Drinking-water* did not refer to carbon tetrachloride. In the first edition of the *Guidelines for Drinking-water Quality*, published in 1984, a tentative guideline value of 0.003 mg/l was recommended; the guideline value was designated as tentative because reliable evidence on which to calculate a guideline value based on carcinogenicity was available in only one animal species, because of the good qualitative supporting data and because of its frequency of occurrence in water. The 1993 Guidelines established a health-based guideline value of 0.002 mg/l for carbon tetrachloride. In the third edition of the Guidelines, published in 2004, the guideline value was raised to 0.004 mg/l. This guideline value was brought forward to the fourth edition of the Guidelines, published in 2011.