

饮用水安全专家论坛

## 饮用水消毒副产物研究进展

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**摘要** 饮用水消毒是改善水质、保证流行病学安全的主要措施, 饮用水在消毒过程中可生成一系列消毒副产物(disinfection by-products, DBPs), 一些DBPs可对人体健康产生不利影响。本文中以氯化消毒副产物为重点, 对DBPs的种类与分布状况、生成影响因素、毒性与健康效应、饮水DBPs控制方法的研究概况及进展进行了综述, 并指出饮用水与健康研究未来应关注的重点。

**关键词** [饮用水](#); [消毒副产物](#); [研究进展](#)

## A Review and Prospect About Disinfection by-products in Drinking Water

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**Abstract** Drinking water disinfection was an important measure to improve the quality of drinking and protect public health against epidemics. During the disinfection process, a number of by-products were generated and some of them have adverse effects on human health. This paper summarizes the research studies on disinfection by-products(DBPs), especially chlorination disinfection by-products (CDBPs), about their classes and distribution, factors influencing their generation, toxicity and adverse health effect as well as control methods for them, and finally presents suggestions for future research in drinking water and public health.

**Keywords** [drinking water](#) [DBPs](#) [review](#)

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