

ICS 13.060.25

CCS P41



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 18916.10-2021

Replacing GB/T 18916.10-2006

**Norm of water intake - Part 10: Chemical pharmaceutical
products**

取水定额 第10部分：化学制药产品

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Standardization Administration of China**

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" drafted: This document is Part 10 of GB/T 18916 "Water Withdrawal Quota": GB/T 18916 has released the following parts:

- Part 1: Thermal power generation;
- Part 2: Iron and steel complexes;
- Part 3: Petroleum refining;
- Part 4: Textile dyeing and finishing products;
- Part 5: Paper products;
- Part 6: Beer manufacturing;
- Part 7: Manufacture of alcohol;
- Part 8: Synthetic ammonia;
- Part 9: Manufacturing of monosodium glutamate;
- Part 10: Chemical pharmaceutical products;
- Part 11: Coal preparation;
- Part 12: Alumina production;
- Part 13: Ethylene production;

1 Scope

GB/T 18916.10-2021 is the Chinese national standard on norm of water intake - part 10: chemical pharmaceutical products, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up -

which in practice is how most foreign buyers meet it. It was issued on 31 December 2021 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2022. Classification: ICS 13.060.25, CCS P41. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the calculation method, water intake quota and quota management requirements for chemical and pharmaceutical products: This document is applicable to the management of water intake in existing, newly built, and renovated and expanded chemical and pharmaceutical product manufacturing enterprises:

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document:

GB/T 12452 General Rules for Enterprise Water Balance Test

GB/T 18820 General Rules for the Compilation of Water Intake Quotas for Industrial Enterprises

GB/T 21534 Terms of Water Conservation

GB 24789 General rules for the provision and management of water measuring instruments for water units

3 Terms and Definitions

The terms and definitions defined in GB/T 18820, GB/T 21534 and the following apply to this document: 3:1 chemicalpharmaceuticalproductschemicalpharmaceuticalproducts Substances used for the prevention, treatment, diagnosis of human diseases, purposeful regulation of human physiological functions, and prescribed indications, usage and dosage:

Note: It consists of two parts: API production and pharmaceutical preparation production: 3:2 activepharmaceuticalingredient A single substance or mixture used in the manufacture of a medicinal product which, when used in a medicinal product, becomes an active ingredient of the medicinal product for the purpose of providing the medicinal product: physical activity or other direct effects: 3:3 chemical intermediates Intermediates of non-starting and final products used in the preparation of chemical APIs:

4 Calculation method

1 General provisions 4:1:

1 Scope of water intake The scope of water withdrawal refers to the amount of water extracted by enterprises from various water sources, including surface water (measured by water supply from water purification plants), groundwater, and urban water supply: Water works, as well as other water or water products (such as steam, hot water, geothermal water, etc.) purchased by the enterprise from the market: