ICS 13.060.25
CCS P41

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 18916.57-2021

Norm of water intake - Part 57: Dairy products

取水定额 第57部分：乳制品

Issued on: December 31, 2021 **Implemented on: July 1, 2022**

Issued by: State Administration for Market Regulation;
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 57 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 18916.57-2021 is the Chinese national standard on norm of water intake - part 57: dairy 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 of the water intake quota for dairy products, the water intake quota and the quota management requirements: This document is applicable to the management of water intake in existing, newly built and renovated and expanded dairy processing 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 13102 National Food Safety Standard Condensed Milk

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

GB 19302 National Food Safety Standard for Fermented Milk

GB 19644 National Food Safety Standard Milk Powder

GB 19645 National Standard for Food Safety Pasteurized Milk

GB/T 21534 Terms of Water Conservation

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

GB 25190 National Food Safety Standard for Sterilized Milk

GB 25191 National Food Safety Standard Modulated Milk

GB 25192 National Food Safety Standard Processed Cheese

3 Terms and Definitions

GB 13102, GB/T 18820, GB 19302, GB 19644, GB 19645, GB/T 21534, GB 25190, GB 25191, GB 25192 and the following terms and definitions apply to this document: 3:

1 Quantityofwaterintakeforpertondairyproducts The amount of water a business needs to extract from various conventional water sources per ton of dairy products produced:

4 Calculation method

1 General provisions 4:1:

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