

ICS 65.150
CCS B 51



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

GB/T 43563-2023

Water quality for aquaculture in saline-alkaline land

盐碱地水产养殖用水水质

Issued on: December 28, 2023

Implemented on: April 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

Foreword

1 Scope

2 Normative reference documents

3 Terms and definitions

Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

This document is proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China:

This document is under the jurisdiction of the National Fisheries Standardization Technical Committee (SAC/TC156):

This document was drafted by: East China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences:

The main drafters of this document: Lai Qifang, Wang Hui, Mo Zongli, Sun Zhen, Zhou Kai, Gao Pengcheng, and Li Yan:

Water quality for aquaculture in saline-alkali land

1 Scope

This document specifies the water quality requirements for saline-alkali land aquaculture and describes water sample collection, on-site processing, storage and transportation, water quality measurement and Results calculation method:

This document is applicable to the evaluation of water for aquaculture in saline-alkali lands:

2 Normative reference documents

GB/T 7477

GB 11607

GB/T 11896

GB/T 11904

GB 17378

GB 17378

NY/T 396

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 saline-alkaline water It mainly comes from surface water and shallow groundwater in saline-alkali land, as well as salt-washing discharge produced by agricultural planting and saline-alkali land management and transformation: Alkaline water:

Note: The characteristics of water quality are that the proportions of major ions such as sodium, potassium, calcium, magnesium, chlorine, sulfate, bicarbonate and carbonate are not constant, and the chemical composition of the water is complex and diverse:

According to the different compositions of dissolved salt substances, there are mainly chloride type, sulfate type and carbonate type: 3:2 The content of all ions in the water body can also be expressed as the sum of the amounts of various cations and anions in the water body:

Note: The unit is milligrams per liter (mg/L), which is an indicator of the salinity of saline-alkali water: 3:3 total alkalinity The total amount of substances in water that can react with hydrogen ions: