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ICS 07.060; 13.060
CCS Z 17

HY

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HY/T 169-2013

Test method for bromide ion in seawater and brine. Volumetric analysis

海水和卤水中溴离子的测定 容量法

(English Translation)

Issued on: November 13, 2013 **Implemented on: May 1, 2014**

Issued by: State Oceanic Administration

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https://chinastandards.org/standards/hy-t-169-2013

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1 Foreword

HY/T 169-2013 was issued by State Oceanic Administration on 13 November 2013 and has been in force since 1 May 2014.

The HY/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 6 pages in English translation.

2 Scope Preview

This standard specifies the volumetric method for the determination of bromide ions in seawater, concentrated seawater and brine, as well as reagents, instruments, measurement methods, calculation of results and precision. density. This standard applies to volumetric determination of water samples with bromide ion content less than 6000mg/L. The detection limit of this standard is 0.57mg/L, and the lower limit of quantification is 2.28mg/L.

HY/T 169-2013 falls under ICS 07.060; 13.060, in the field of natural and applied sciences.

This catalogue holds 287 other HY/T standards in that field.

In this catalogue, HY/T standards carry edition years from 1991 to 2025.

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3 Normative references

GB/T 6682

GB 12805

GB 12808

4 About this standard

Issued by: State Oceanic Administration

English translation: about 6 pages

Chinese original: about 8,861 characters

5 Related standards

Standards on related subjects:

GB/T 33584.3-2017 - Seawater quality requirements and analysis methods for seawater cooling system-Part 3: Determination of chloride

GB/T 33584.2-2017 - Seawater quality requirements and analysis methods for seawater cooling system-Part 2: Determination of zinc

GB 18420.1-2009 - Biological toxicity for pollutants from marine petroleum exploration and exploitation - Part 1: Grading

HY/T 179-2015 - Determination of phthalate acid easters (PAEs) in the marine environment by gas chromatagraphy-mass spectrometry

HY/T 177-2014 - Determination of sulfate-reducing bacteria in seawater. MPN method

HY/T 176-2014 - Determination of iron bacteria in seawater. MPN method

6 Classification and status

International classification (ICS): 07.060; 13.060

Chinese Standard Classification (CCS): Z 17

Prefix HY/T: recommended standard.

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