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ICS 07.060; 13.060
CCS Z 17

HY

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HY/T 262-2018

Determination of dissolved methane in seawater - Headspace equilibrium gas chromatography method

海水中溶解甲烷的测定 顶空平衡-气相色谱法

(English Translation)

Issued on: July 30, 2018 **Implemented on: November 1, 2018**

Issued by: Ministry of Natural Resources of the People's Republic of China

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https://chinastandards.org/standards/hy-t-262-2018

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1 Foreword

HY/T 262-2018 was issued by Ministry of Natural Resources of the People's Republic of China on 30 July 2018 and has been in force since 1 November 2018.

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 9 pages in English translation.

2 Scope Preview

This standard specifies the principle, analysis steps and results of the determination of dissolved methane (CH4) in seawater by headspace equilibrium-gas chromatography. Calculation. This standard is applicable to the determination of dissolved CH4 concentration in seawater of offshore waters and estuaries. The measurement range is 2nmol·L-1~ 500 nmol·L-1.

HY/T 262-2018 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 1992 to 2025.

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3 About this standard

Issued by: Ministry of Natural Resources of the People's Republic of China

English translation: about 9 pages

Chinese original: about 14,185 characters

4 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 263-2018 - Determination of dissolved nitrous oxide in seawater. Headspace equilibrium gas chromatography method

HY/T 260-2018 - Determination of hexabromocyclododecanes in marine sediment - High performance liquid chromatography tandem mass spectrometry

HY/T 259-2018 - Determination of hexabromocyclododecanes in marine organisms. High performance liquid chromatography tandem mass spectrometry

5 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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