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ICS 07.060; 13.060
CCS Z 17

HY

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HY/T 152-2013

Speciation of trivalent arsenic and pentavalent arsenic in sea water by atomic fluorescence spectroscopy

海水中三价砷和五价砷形态分析 原子荧光光谱法

(English Translation)

Issued on: April 25, 2013 **Implemented on: May 1, 2013**

Issued by: State Oceanic Administration

Preview: page 1 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/hy-t-152-2013

Table of Contents

[Preview only]
1 Scope
2 Normative references
2.1 Terms
3 Terms and definitions
4 General
5 Technical requirements
6 Test method
7 Inspection rules
8 Marking, packaging, transportation and storage

1 Foreword

HY/T 152-2013 was issued by State Oceanic Administration on 25 April 2013 and has been in force since 1 May 2013.

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 7 pages in English translation.

2 Scope Preview

This standard specifies reagents, materials, instruments and equipment for the analysis of trivalent arsenic and pentavalent arsenic inorganic forms in seawater by atomic fluorescence spectroscopy. Preparation, sample collection and processing, sample determination, result calculation and quality control. This standard applies to the determination of the inorganic species of trivalent arsenic and pentavalent arsenic in seawater by atomic fluorescence spectrometry.

HY/T 152-2013 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 12806-2011 - Laboratory glassware -- One-mark volumetric flasks

GB 17378.3

4 About this standard

Issued by: State Oceanic Administration

English translation: about 7 pages

Chinese original: about 10,163 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 153-2013 - Detection of mutagenecity in sea water and sediment sample by Salmonella typhimurium/mammals microsomal enzyme test(Ames test)

HY/T 151-2013 - Detection of hemolytic toxins in marine microalgae. Erythrocyte lysis assay

HY/T 150-2013 - Determination of organic carbon in sea water by nondispersive infrared absorption spectrometry

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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