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**HY**

**INDUSTRY STANDARD OF THE  
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**Determination of total alkalinity in seawater on potentiometric  
titration using an open-cell titration  
(English Translation)**

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## Table of Contents

|                                 |   |
|---------------------------------|---|
| What this standard covers ..... | 1 |
| Document data .....             | 2 |

### What this standard covers

This standard specifies the principle, analysis steps and calculation of the results of the open potentiometric titration method for determining the total alkalinity of seawater. This standard is applicable to the determination of the total alkalinity of oceanic seawater, coastal seawater and estuarine seawater, and the determination range is (1 700 ~ 2 700)  $\mu\text{mol/kg}$ .

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