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ICS 13.060
CCS Z16

SL

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SL/T 272-2001

Water quality. Determination of total selenium. Iron (II)-O-phenanthroline indirect spectrophotometry

水质 总硒的测定 铁（II）——邻菲啰啉间接分光光度法 SL/T 272-2001

(English Translation)

Issued on: September 11, 2001 **Implemented on: December 1, 2001**

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

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1 Foreword

SL/T 272-2001 was issued by Ministry of Water Resources of the People's Republic of China on 11 September 2001 and has been in force since 1 December 2001.

The SL/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 8 pages in English translation.

2 Scope Preview

This standard is applicable to determination of total selenium in surface water, underground water, domestic sewage and industrial wastewater. 50mL of water sample is taken, and the minimum detectable concentration of selenium is 0.003mg/L. Determination range: 0.01mg/L to 0.2mg/L.

SL/T 272-2001 falls under ICS 13.060, in the field of environment and health protection,

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safety.

This catalogue holds 14 other SL/T standards in that field.

In this catalogue, SL/T standards carry edition years from 1994 to 2026.

3 About this standard

Sector: Water Resources Industry Standard (Recommended)

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

English translation: about 8 pages (approximate)

Chinese original: about 7,710 characters

4 Related standards

Standards on related subjects:

HJ 101-2019 - Technical specifications and test procedures for water quality on-line automatic monitoring equipment of ammonia

HJ 347.2-2018 - Water quality - Determination of fecal coliform - Manifold zymotechnics

HJ 347.1-2018 - Water quality - Determination of fecal coliform - Membrane filtration

SL/T 788.2-2019 - Water quality -- Determination of volatile phenolic compounds

SL/T 787-2019 - Water quality - Determination of chlorobenzene compounds - Solid phase extraction - Gas chromatography

5 Classification and status

International classification (ICS): 13.060

Chinese Standard Classification (CCS): Z 16

Prefix SL/T: recommended standard.

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