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**NONFERROUS METALS INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YS/T 502.1-2024

Replacing YS/T 502-2006

**Chemical analysis method of tungsten-rhenium alloy - Part 1:
Determination of rhenium content - Spectrophotometry and
Inductively Coupled Plasma Atomic Emission Spectrometry
(English Translation)**

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What this standard covers

This standard specifies the method for determining the rhenium content in tungsten-rhenium alloy by spectrophotometry and inductively coupled plasma atomic emission spectrometry. This standard is applicable to the determination of rhenium content in tungsten-rhenium alloy. The determination range (mass fraction) of spectrophotometry is 0.50% to 5.00%, and the determination range (mass fraction) of inductively coupled plasma atomic emission spectrometry is 0.50% to 28.00%. For the overlapping determination ranges, spectrophotometry is used as the arbitration method.

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