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YS

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

YS/T 897-2024

Replacing YS/T 897-2013

**Chemical analysis method for high purity niobium -
Determination of trace element content - Glow discharge mass
spectrometry**

高纯铌化学分析方法 痕量元素含量的测定 辉光放电质谱法

(English Translation)

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What this standard covers

This standard specifies the method for determining the content of trace elements in high-purity niobium by glow discharge mass spectrometry. This standard is applicable to the determination of trace element content in high-purity niobium, with a determination range of 0.050mg/kg to 10mg/kg for sulfur, chlorine, and mercury, 0.001mg/kg to 100mg/kg for tungsten and molybdenum, 0.001mg/kg to 300mg/kg for tantalum, and 0.001mg/kg to 50mg/kg for other elements.

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