

ICS 77.120.99

XB

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

XB/T 633-2023

**Chemical analysis method of impurity elements in rare earth
oxides Glow discharge mass spectrometry
(English Translation)**

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This standard specifies lanthanum oxide, cerium oxide, praseodymium oxide, neodymium oxide, samarium oxide, europium oxide, gadolinium oxide, terbium oxide, dysprosium oxide, holmium oxide, erbium oxide, thulium oxide, ytterbium oxide, lutetium oxide, yttrium oxide and oxide Determination method for the content of 73 impurity elements in scandium. This standard applies to lanthanum oxide, cerium oxide, praseodymium oxide, neodymium oxide, samarium oxide, europium oxide, gadolinium oxide, terbium oxide, dysprosium oxide, holmium oxide, erbium oxide, thulium oxide, ytterbium oxide, lutetium oxide, yttrium oxide and oxide Determination of the content of 73 impurity elements in scandium. This standard is not applicable to the determination of impurity elements in cerium oxide, praseodymium oxide, neodymium oxide, and samarium oxide. For instruments whose ion source parts are made of tantalum material, they are not suitable for the determination of gold and tantalum in all rare earth oxides.

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