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YS

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

YS/T 955.4-2025

**Methods for chemical analysis of crude silver - Part 4: Determination of
lead, copper, bismuth, antimony, iron,elenium, tellurium and palladium
contents - Inductively coupled plasma atomic emission spectrometry
(English Translation)**

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What this standard covers

This standard specifies a method for determining the content of lead, copper, bismuth, antimony, iron, selenium, tellurium, and palladium in crude silver using inductively coupled plasma atomic emission spectrometry (ICP-AES). This standard applies to the determination of these contents in crude silver (Ag98, Ag95 grades, and Ag80 grade, which is easily soluble in nitric acid). This standard does not apply to primary silver smelting products (i.e., silver existing in the form of halides or silver thiocyanate, and not refined by oxidation).

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