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

GB/T 14501.5-1993

**Spectrophotometric determination of titanium in uranium
hexafluoride**

(English Translation)

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What this standard covers

This standard specifies the spectrophotometric determination of uranium hexafluoride titanium principle of the method, apparatus, reagents, analysis step, the results of the precision calculations and methods. This standard applies to uranium hexafluoride in the determination of titanium, the sampling of 2g of uranium when uranium hexafluoride hydrolyzate, measured in the range of 0.5 ~ 5µg/g uranium. 1: 5, measuring the amount of niobium and niobium-titanium interference titanium content of greater than; 100µg tungsten, 1mg thorium, 30µg and 50µg zirconium molybdenum do not interfere; interference pentavalent vanadium chromium and ferrous ammonium sulfate can be used to eliminate.

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