
**Nuclear energy — Isotopic analysis of
uranium hexafluoride — Double-standard
gas-source mass spectrometric method**

*Énergie nucléaire — Analyse isotopique de l'hexafluorure d'uranium —
Méthode du double étalon pour la spectrométrie de masse avec source
à gaz*

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Foreword

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Introduction

Isotopic measurements of uranium isotopes are of great importance to the uranium enrichment facilities, not only for an accurate determination of the ^{235}U enrichment, but also for a determination of the minor isotopes ^{234}U and ^{236}U .

This method describes the measurement of the isotopes directly from the process gas UF_6 .

The method can be used for the measurement of samples, but also for on-line measurements.

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