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First edition 2014-07-01

Nuclear fuel technology — Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and isotopic dilution analysis by solvent extraction chromatography —

Part 1:

Samples containing plutonium in the microgram range and uranium in the milligram range

Technologie du combustible nucléaire — Séparation et purification chimiques de l'uranium et du plutonium dans les solutions d'acide nitrique par extraction chromatographique par solvant pour les mesures isotopiques et les analyses par dilution isotopique —

Partie 1: Échantillons ayant des teneurs en plutonium de l'ordre du microgramme et en uranium de l'ordre du milligramme



Reference number ISO 15366-1:2014(E)

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Contents		Page	
Fore	Forewordiv		
1	Scope	1	
2	Principle of the method	1	
3	Apparatus	1	
4	Reagents	2	
5	Procedure (see Figure 1)	2	
6	Characteristics of the separation	4	
7	Quality control	5	
8	Interferences	5	
Anne	ex A (normative) Packing and conditioning of the chromatographic columns as used in the ISO 15366 1 procedure, loaded with an inert silica support coated with tri-n-octyl phosphine-oxide (TOPO)	- 7	
Rihli	iogranhy	10	

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Foreword

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The committee responsible for this document is ISO/TC 85, *Nuclear energy, nuclear technologies, and radiological protection*, Subcommittee SC 5, *Nuclear fuel cycle*.

This first edition, together with the first edition of ISO 15366-2, cancels and replaces the first edition of ISO 15366:1999, which has been technically revised.

ISO 15366 consists of the following parts, under the general title *Chemical separation and purification of uranium and plutonium in nitric acid solutions for isotopic and isotopic dilution analysis by solvent extraction chromatography* —

- Part 1: Sample containing plutonium in the microgram range and uranium in the milligram range
- Part 2: Sample containing plutonium and uranium amounts in the nanogram range and below