

ISO 15366-2:2014-07 (E)

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 2: Samples containing plutonium and uranium in the nanogram range and below

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