

ISO 16795:2024-04 (E)

Nuclear energy - Determination of Gd_2O_3 content in pellets containing uranium oxide by X-ray fluorescence spectrometry

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Apparatus	1
6	Reagents	2
7	Preparation of standards	2
8	Polishing	3
9	Equipment calibration	3
9.1	Angle calibration	3
9.2	Pulse-height distribution	3
9.3	Background correction	3
9.4	Stability (sensitivity) check	3
10	Calibration curve	4
11	Measurements	4
12	Precision and accuracy	4
13	Test report	4
Annex A (informative) Angle calibration and background correction		6
Annex B (informative) Precision and accuracy		7
Bibliography		8