ISO 16796:2004-08 (E)

Nuclear energy - Determination of Gd<(Index)2>O<(Index)3> content in gadolinium fuel blends and gadolinium fuel pellets by atomic emission spectrometry using an inductively coupled plasma source (ICP-AES)

Contents

Page

Foreword iv

1 Scope 1

2 Principle 1

3 Apparatus 1

4 Reagents 2

5 Standard blends 2

6 Standard and sample preparation 3

7 Calibration and analysis of the samples 3

8 Precision and accuracy 4

9 Test report 4

Annex A (informative) Calibration curve 5

Annex B (informative) Standards data 6