DIN EN ISO 12799:2019-11 (E)

N uclear energy - Determination of nitrogen content in UO<(Index)2>, (U,Gd)O<(Index)2> and (U,Pu)O<(Index)2> sintered pellets - Inert gas extraction and conductiv ity detection method (ISO 12799:2015)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Principle ... **5**

3 Interferences ... **5**

4 Reagents and materials ... **5**

5 Apparatus ... **6**

6 Sampling ... **6**
6.1 Sampling procedure ... 6
6.2 Sample preparation ... 6

7 Procedure ... **6**
7.1 Calibration ... 7
7.1.1 Blank test ... 7
7.1.2 Calibration of the analyser ... 7
7.1.3 Check of the calibration using metal standard ... 7
7.2 Determination ... 7

8 Calculation ... **8**

9 Precision ... **8**

10 Test report ... **8**

Bibliography ... **9**