ISO 20647:2015-11 (E)

Infant formula and adult nutritionals - Determination of total iodine - Inductively coupled plasma mass spectrometry (ICP-MS)

Contents

Page

Forewords ..... **iv**

1 Scope **1**

2 Principle **1**

3 Reagents and materials **1**

4 Apparatus **5**

5 Procedure **6**
5.1 Reconstitution 6
5.2 Sample preparation 6
5.3 Addition of reagents 7
5.4 Oven digestion 7
5.5 Open vessel microwave digestion 7
5.6 Sample filtering 8
5.7 Sample dilution 8
5.8 Determination 8
5.9 Conditioning 9
5.10 Calibration 9
5.11 Sample analysis 9
5.12 Data acceptability 10

6 Calculation **10**

7 Precision **11**
7.1 Interlaboratory tests 11
7.2 Repeatability 11
7.3 Reproducibility 11

Annex A (informative) **Precision data** **12**

Bibliography **13**