DIN EN ISO 23674:2022-12 (E)

Cosmetics - Analytical methods - Direct determination of traces of mercury in cosmetics by thermal decomposition and atomic absorption spectrometry (mercury analyser) (ISO 23674:2022)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Principle ... **6**

5 Reagents ... **7**

6 Apparatus and equipment ... **7**

7 Calibration ... **8**
7.1 General ... 8
7.2 Liquid calibration standards ... 8
7.3 Solid calibration standards ... 9

8 Procedure ... **10**
8.1 General ... 10
8.2 Preparation of samples ... 10
8.2.1 General recommendations ... 10
8.2.2 General of samples ... 10

9 Instrument parameters ... **10**

10 Quality control of the analysis ... **10**
10.1 General ... 10
10.2 Quality control procedure ... 10
10.2.1 Analysis blanks ... 10
10.2.2 Quality control samples ... 11
10.2.3 Replicates ... 11

11 Calculation ... **11**

12 Method performance ... **11**

13 Test report ... **12**

Annex A (informative) **Performance of the method determined by the accuracy profile methodology** ... **13**

Annex B (informative) **ISO 23674 and ISO 23821 common ring test results** ... **18**

Bibliography ... **21**