DIN EN ISO 4491-2:2023-07 (E)

Metallic powders - Determination of oxygen content by reduction methods - Part 2: Loss of mass on hydrogen reduction (hydrogen loss) (ISO 4491-2:2023)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **5**

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

5 Apparatus ... **5**
5.1 General ... 5
5.2 Balance ... 5
5.3 Furnace ... 6
5.4 Gas-tight tube ... 6
5.5 Thermocouple ... 6
5.6 Boat ... 6
5.7 Supply unit ... 6

6 Sampling ... **7**

7 Procedure ... **7**
7.1 General ... 7
7.2 Test procedure ... 7

8 Calculation and expression of test results ... **9**

9 Precision ... **9**

10 Test report ... **10**

Annex A (informative) **Interpretation of results** ... **11**

Bibliography ... **12**