DIN EN ISO 14720-1:2026-06 (E)

Testing of ceramic materials - Determination of sulfur in non-oxidic ceramic raw materials and ceramic materials - Part 1: Infrared measurement methods (ISO 14720-1:2026)

Contents

Page

Foreword ... **iv**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **1**

4 Principle ... **1**

5 Apparatus ... **2**

6 Reagents ... **2**

7 Sampling and sample preparation ... **2**

8 Calibration ... **2**

9 Performance ... **3**
9.1 Preparation of analysis ... 3
9.2 Determination of blank value ... 3
9.3 Determination of sulfur content ... 3

10 Calculation and report of the results ... **3**

11 Precision ... **3**
11.1 Repeatability ... 3
11.2 Reproducibility ... 4

12 Test report ... **4**

Annex A (informative) **Results of the round-robin test** ... **5**

Annex B (informative) **Information regarding validation of the uncertainty of the mean value** ... **7**

Annex C (informative) **Commercial certified reference materials (CRM)** ... **8**

Bibliography ... **9**