DIN EN ISO 20236:2025-05 (E)

Water quality - Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion (ISO 20236:2024)

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

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

4 Principle ... **3**

5 Interferences ... **3**
5.1 General ... 3
5.2 TOC or DOC ... 4
5.3 TNb or DNb ... 4

6 Reagents ... **4**

7 Apparatus ... **7**

8 Quality requirements for the analytical system ... **8**
8.1 System check ... 8
8.2 Particle processing control ... 8

9 Sampling and sample preparation ... **9**

10 Procedure ... **9**
10.1 General ... 9
10.2 Calibration ... 10
10.3 Validity check of the calibration function ... 10
10.4 Measurement ... 10
10.4.1 General ... 10
10.4.2 Determination ... 10

11 Evaluation ... **12**

12 Expression of results ... **12**

13 Test report ... **12**

Annex A (normative) **Determination of TOC applying the difference method** ... **13**

Annex B (informative) **Performance data for TOC or DOC, and TNb or DNb** ... **16**

Annex C (informative) **Alternative detection techniques for TNb and DNb** ... **18**

Bibliography ... **19**