

# DIN EN ISO 23696-2:2026-06 (E)

## Water quality - Determination of nitrate in water using small-scale sealed tubes - Part 2: Chromotropic acid colour reaction (ISO 23696-2:2023)

---

<b>Contents</b>	<b>Page</b>
Foreword.....	iv
Introduction.....	v
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>2</b>
<b>4 Principle</b> .....	<b>2</b>
<b>5 Interferences</b> .....	<b>2</b>
<b>6 Sampling and sample preparation</b> .....	<b>3</b>
<b>7 Reagents and standard solutions</b> .....	<b>3</b>
<b>8 Apparatus</b> .....	<b>3</b>
<b>9 Procedure</b> .....	<b>4</b>
9.1 Reaction condition for colour reaction.....	4
9.2 Chromotropic acid-based colour reaction.....	4
<b>10 Quality control</b> .....	<b>4</b>
10.1 Verification of the calibration.....	4
10.2 System and interferences checks.....	5
<b>11 Calculation</b> .....	<b>5</b>
<b>12 Expression of results</b> .....	<b>5</b>
<b>13 Test report</b> .....	<b>6</b>
<b>Annex A (informative) Performance data</b> .....	<b>7</b>
<b>Bibliography</b> .....	<b>8</b>