

# ISO 23695:2023-02 (E)

## Water quality - Determination of ammonium nitrogen in water - Small-scale sealed tube method

---

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