

# DIN EN ISO 16266-2:2023-01 (E)

## Water quality - Detection and enumeration of *Pseudomonas aeruginosa* - Part 2: Most probable number method (ISO 16266-2:2018)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		
Introduction .....		
<b>1</b>	<b>Scope .....</b>	<b>6</b>
<b>2</b>	<b>Normative references .....</b>	<b>6</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>7</b>
<b>4</b>	<b>Principle .....</b>	<b>7</b>
<b>5</b>	<b>Apparatus and glassware .....</b>	<b>7</b>
<b>6</b>	<b>Culture media, diluents and reagents .....</b>	<b>8</b>
<b>6.1</b>	<b>Basic materials .....</b>	<b>8</b>
<b>6.2</b>	<b>Diluent .....</b>	<b>8</b>
<b>6.3</b>	<b>Antifoam B .....</b>	<b>8</b>
<b>7</b>	<b>Sampling .....</b>	<b>9</b>
<b>8</b>	<b>Procedure .....</b>	<b>9</b>
<b>8.1</b>	<b>Transport and storage of the samples .....</b>	<b>9</b>
<b>8.2</b>	<b>Preparation of the sample and inoculation of media .....</b>	<b>9</b>
<b>8.2.1</b>	<b>Preparation of 100 ml samples .....</b>	<b>9</b>
<b>8.2.2</b>	<b>Preparation of 250 ml samples .....</b>	<b>9</b>
<b>8.3</b>	<b>Incubation and differentiation .....</b>	<b>9</b>
<b>8.4</b>	<b>Examination of results .....</b>	<b>9</b>
<b>9</b>	<b>Expression of results .....</b>	<b>9</b>
<b>10</b>	<b>Quality assurance .....</b>	<b>9</b>
<b>11</b>	<b>Test report .....</b>	<b>9</b>
<b>Annex A (informative) Further microbiological information about <i>Pseudomonas aeruginosa</i> .....</b>		
<b>Annex B (normative) The Quanti-Tray Sealer and calculation of results .....</b>		
<b>Annex C (normative) Composition of the Pseudalert medium .....</b>		
<b>Annex D (informative) Performance characteristics .....</b>		
<b>Bibliography .....</b>		<b>127</b>
<b>European foreword .....</b>		<b>3</b>