

# DIN EN ISO 13079:2025-11 (E)

## Laboratory glass and plastics ware - Tubes for the measurement of the erythrocyte sedimentation rate by the Westergren method (ISO 13079:2011)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Material .....</b>	<b>1</b>
<b>3.1</b>	<b>General .....</b>	<b>1</b>
<b>3.2</b>	<b>Glass .....</b>	<b>1</b>
<b>3.3</b>	<b>Plastics .....</b>	<b>2</b>
<b>4</b>	<b>Single-use Westergren tubes .....</b>	<b>2</b>
<b>4.1</b>	<b>General design .....</b>	<b>2</b>
<b>4.2</b>	<b>Straightness .....</b>	<b>2</b>
<b>4.3</b>	<b>Finish .....</b>	<b>2</b>
<b>4.4</b>	<b>Dimensions .....</b>	<b>2</b>
<b>4.5</b>	<b>Graduation and figuring .....</b>	<b>3</b>
<b>4.6</b>	<b>Inscriptions .....</b>	<b>3</b>
<b>4.7</b>	<b>Labelling .....</b>	<b>3</b>
<b>5</b>	<b>Re-usable Westergren tubes .....</b>	<b>3</b>
<b>5.1</b>	<b>General design .....</b>	<b>3</b>
<b>5.2</b>	<b>Straightness .....</b>	<b>4</b>
<b>5.3</b>	<b>Finish .....</b>	<b>4</b>
<b>5.4</b>	<b>Dimensions .....</b>	<b>4</b>
<b>5.5</b>	<b>Graduation and figuring .....</b>	<b>4</b>
<b>5.6</b>	<b>Inscriptions .....</b>	<b>4</b>
<b>5.7</b>	<b>Labelling .....</b>	<b>4</b>
<b>6</b>	<b>Support for Westergren tubes .....</b>	<b>5</b>
<b>6.1</b>	<b>Construction .....</b>	<b>5</b>
<b>6.2</b>	<b>Graduation and figuring .....</b>	<b>6</b>
<b>6.3</b>	<b>Inscriptions .....</b>	<b>6</b>
<b>7</b>	<b>Graduation and figuring .....</b>	<b>6</b>
<b>7.1</b>	<b>Graduation .....</b>	<b>6</b>
<b>7.2</b>	<b>Figuring of graduation lines .....</b>	<b>7</b>
<b>8</b>	<b>Marking .....</b>	<b>7</b>
<b>9</b>	<b>Labelling .....</b>	<b>7</b>
<b>9.1</b>	<b>Single-use Westergren tubes .....</b>	<b>7</b>
<b>9.2</b>	<b>Re-usable Westergren tubes .....</b>	<b>7</b>
<b>Annex A</b> (normative)	<b>Type test for rigidity of Westergren tubes .....</b>	<b>9</b>
<b>Annex B</b> (normative)	<b>Type test for contamination and interfering substances .....</b>	<b>10</b>
<b>Annex C</b> (normative)	<b>Type test for straightness of Westergren tubes .....</b>	<b>11</b>
<b>Annex D</b> (informative)	<b>Measurement of the erythrocyte sedimentation rate by the Westergren reference method .....</b>	<b>13</b>
<b>Bibliography</b> .....		<b>15</b>