

# ISO 18787:2017-11 (E)

## Foodstuffs - Determination of water activity

---

<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>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Measurement principles .....</b>	<b>2</b>
<b>5</b>	<b>Apparatus .....</b>	<b>2</b>
<b>6</b>	<b>Reagents .....</b>	<b>3</b>
<b>7</b>	<b>Sampling .....</b>	<b>3</b>
<b>8</b>	<b>Procedure .....</b>	<b>4</b>
<b>8.1</b>	<b>Sample preservation .....</b>	<b>4</b>
<b>8.2</b>	<b>Sample preparation .....</b>	<b>4</b>
<b>8.3</b>	<b>Test portion .....</b>	<b>4</b>
<b>8.4</b>	<b>Storage before measurement (optional) .....</b>	<b>4</b>
<b>8.5</b>	<b>Measurement .....</b>	<b>5</b>
<b>8.6</b>	<b>Calibration, adjustment and verification .....</b>	<b>5</b>
<b>9</b>	<b>Calculation and expression of results .....</b>	<b>5</b>
<b>10</b>	<b>Precision .....</b>	<b>6</b>
<b>10.1</b>	<b>Repeatability .....</b>	<b>6</b>
<b>10.2</b>	<b>Reproducibility .....</b>	<b>6</b>
<b>11</b>	<b>Test report .....</b>	<b>6</b>
<b>Annex A (normative) Water activity of saturated salt solutions at 25 °C .....</b>		<b>7</b>
<b>Annex B (informative) Interlaboratory studies .....</b>		<b>8</b>
<b>Bibliography .....</b>		<b>9</b>