

# ISO 11843-5:2008-06 (E)

## Capability of detection - Part 5: Methodology in the linear and non-linear calibration cases

---

<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>2</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>Precision profile of the net state variable .....</b>	<b>4</b>
<b>5</b>	<b>Critical value and minimum detectable value of the net state variable .....</b>	<b>5</b>
<b>5.1</b>	<b>General .....</b>	<b>5</b>
<b>5.2</b>	<b>Calculation relating to probability .....</b>	<b>6</b>
<b>5.3</b>	<b>Calculation relating to probability .....</b>	<b>6</b>
<b>5.4</b>	<b>Differential method .....</b>	<b>6</b>
<b>6</b>	<b>Examples .....</b>	<b>7</b>
<b>6.1</b>	<b>General .....</b>	<b>7</b>
<b>6.2</b>	<b>Law of propagation of uncertainty .....</b>	<b>7</b>
<b>6.3</b>	<b>Model fitting .....</b>	<b>10</b>
<b>6.4</b>	<b>Application to competitive ELISA .....</b>	<b>11</b>
	<b>Annex A (normative) Symbols and abbreviations used in this part of ISO 11843 .....</b>	<b>12</b>
	<b>Annex B (informative) Derivation of Equation (9) .....</b>	<b>13</b>
	<b>Annex C (informative) Derivation of Equation (13) .....</b>	<b>14</b>
	<b>Bibliography .....</b>	<b>15</b>