

## ANNEX III

## SPECIFICATIONS FOR THE ANALYSIS OF PARAMETERS

[<sup>F1</sup>PART B**Chemical and indicator parameters for which performance characteristics are specified]**[<sup>F12</sup>. Notes to Tables 1 and 2

<i>Note 1</i>	Uncertainty of measurement is a non-negative parameter characterising the dispersion of the quantity values being attributed to a measurand, based on the information used. The performance criterion for measurement uncertainty ( $k = 2$ ) is the percentage of the parametric value stated in the table or better. Measurement uncertainty shall be estimated at the level of the parametric value, unless otherwise specified.
<i>Note 2</i>	Trueness is a measure of systematic error, i.e. the difference between the mean value of the large number of repeated measurements and the true value. Further specifications are those set out in ISO 5725.
<i>Note 3</i>	Precision is a measure of random error and is usually expressed as the standard deviation (within and between batches) of the spread of results from the mean. Acceptable precision is twice the relative standard deviation. This term is further specified in ISO 5725.
<i>Note 4</i>	Limit of detection is either: — three times the standard deviation within a batch of a natural sample containing a low concentration of the parameter, or — five times the standard deviation of a blank sample (within a batch).
<i>Note 5</i>	If the value of uncertainty of measurement cannot be met, the best available technique should be selected (up to 60 %).
<i>Note 6</i>	The method determines total cyanide in all forms.
<i>Note 7</i>	Values for trueness, precision and uncertainty of measurement are expressed in pH units.
<i>Note 8</i>	Reference method: EN ISO 8467

---

**Status:** EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

---

<i>Note 9</i>	The performance characteristics for individual pesticides are given as an indication. Values for the uncertainty of measurement as low as 30 % can be achieved for several pesticides, higher values up to 80 % may be allowed for a number of pesticides.
<i>Note 10</i>	The performance characteristics apply to individual substances, specified at 25 % of the parametric value in Part B of Annex I.
<i>Note 11</i>	The performance characteristics apply to individual substances, specified at 50 % of the parametric value in Part B of Annex I.
<i>Note 12</i>	The uncertainty of measurement should be estimated at the level of 3 mg/l of the total organic carbon (TOC). CEN 1484 Guidelines for the determination of TOC and dissolved organic carbon (DOC) shall be used.
<i>Note 13</i>	The uncertainty of measurement should be estimated at the level of 1,0 NTU (nephelometric turbidity units) in accordance with EN ISO 7027.]

---

#### **Textual Amendments**

- F1** Substituted by [Commission Directive \(EU\) 2015/1787 of 6 October 2015 amending Annexes II and III to Council Directive 98/83/EC on the quality of water intended for human consumption.](#)