

# DIN EN ISO 21253-2:2022-12 (E)

Water quality - Multi-compound class methods - Part 2: Criteria for the quantitative determination of organic substances using a multi-compound class analytical method (ISO 21253-2:2019)

---

<b>Contents</b>	<b>Page</b>
European foreword .....	3
Foreword .....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	5
4 Principle .....	7
5 Selection of the matrix .....	7
6 Sample preservation prior to analysis .....	8
7 Internal standards and injection standards .....	8
7.1 General .....	8
7.2 Selection of standards .....	8
8 Calibration .....	9
9 Recovery determination .....	10
9.1 General .....	10
9.2 Quantification by external calibration .....	10
9.3 Quantification by internal calibration .....	11
10 Limit of quantification (LOQ) .....	11
11 Results .....	11
11.1 Identification of the compounds .....	11
11.2 Quantification .....	11
11.3 Measurement uncertainty .....	11
12 Quality controls .....	11
12.1 General .....	11
12.2 Quality control checks on the blank .....	12
12.3 Quality control checks on the internal standards .....	12
12.4 Quality control checks on the limit of quantification .....	12
Annex A (informative) Matrix effect .....	13
Bibliography .....	14