

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)

Contents

	Page
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