ISO 23883:2026-05 (E)

Meat, fish and their products - Determination of fluoroquinolone residue content - High performance liquid chromatography-tandem mass spectrometry method

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 1

5 Reagents and materials 1

6 Apparatus 3

7 Sampling 3

8 Preparation of samples 3
8.1 Preparation of test sample 3
8.2 Preparation of method blank sample 3

9 Procedure 3
9.1 Extraction 3
9.2 Clean-up 4
9.3 Calibration curve 4
9.4 Determination 4
9.4.1 Liquid chromatography operating condition 4
9.4.2 Mass spectrometer operating condition 4
9.4.3 Identification criteria 5
9.4.4 Quantification criteria 5
9.5 Blank test 5

10 Calculation and expression of the results 5

11 Precision 6
11.1 Repeatability and reproducibility 6
11.2 Limit of detection 6
11.3 Limit of quantification 6

12 Test report 6

Annex A (informative) Information of fluoroquinolones 7

Annex B (informative) Equipment reference parameters 8

Annex C (informative) Collaborative interlaboratory test results 9

Bibliography 14