

ISO 23851:2026-05 (E)

Chicken tissue and eggs - Determination of marker residues of nicarbazin - Liquid chromatography tandem mass spectrometry method

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Reagents and materials	1
6	Apparatus	3
7	Preparation and preservation of test samples	3
7.1	Sampling	3
7.2	Preparation	3
7.2.1	Eggs	3
7.2.2	Chicken tissue	4
7.3	Preservation	4
8	Procedure	4
8.1	General	4
8.2	Extraction	4
8.3	Purification	4
8.3.1	Chicken muscle and eggs	4
8.3.2	Chicken kidney and liver	4
8.4	LC-MS/MS analysis	5
8.4.1	HPLC conditions	5
8.4.2	MS parameters	5
8.5	Identification criteria	5
8.6	Determination	6
8.7	Blank test	6
9	Expression of results	6
9.1	Calculation	6
9.2	Precision	7
9.3	Limit of quantification	7
10	Test report	7
Annex A (informative) Information of 4,4-dinitrocarbanilide and 4,4-dinitrocarbanilide-d8		8
Annex B (informative) LC-MS/MS chromatograms for 4,4-dinitrocarbanilide and 4,4-dinitrocarbanilide-d8		9
Annex C (informative) Precision of the method		10
Bibliography		11