

# ISO 23851:2026-05 (E)

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

---

<b>Contents</b>		<b>Page</b>
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