

# ISO 19643:2026-01 (E)

## Meat and meat products - Determination of nitrite and nitrate content - Continuous flow analysis (CFA) 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 .....	1
6	Apparatus .....	3
7	Procedures .....	3
7.1	Sampling .....	3
7.2	Sample pretreatment .....	4
7.3	Extraction and purification .....	4
7.4	Determination .....	4
7.4.1	Determination of standard solution .....	4
7.4.2	Determination of test sample .....	4
7.4.3	Checking the cadmium reduction capacity .....	4
7.4.4	Cadmium activation regeneration steps .....	4
7.5	Calculation and expression of results .....	5
7.5.1	Calculation of nitrite content .....	5
7.5.2	Calculation of nitrate content .....	5
8	Precision .....	5
8.1	General .....	5
8.2	Detection limit .....	6
9	Test report .....	6
Annex A (informative) Validation study results .....		7
Annex B (informative) Flow analysis diagram .....		9
Bibliography .....		11