

ISO 21422:2018 (E)

Milk, milk products, infant formula and adult nutritionals — Determination of chloride — Potentiometric titration method

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Reagents
6	Preparation of solutions
7	Apparatus
8	Sample preparation
8.1	Powders, for milk, milk products and infant formula
8.2	Cheese, for hard or rinded cheese
8.3	Butter
9	Extraction
9.1	Cheese
9.2	Butter
9.3	Milk, milk products, infant formula and adult nutritional products
9.4	Procedure
10	Instrument operating conditions
10.1	Check and maintenance of the combined silver electrode
10.2	Titration
10.3	Determination of very low amounts of chloride
10.4	Blank test
11	System suitability test
12	Calculations
13	Precision
13.1	General
13.2	Repeatability
13.3	Reproducibility
14	Test report
Annex A	(informative) Examples of titration end point determination
Annex B	(informative) Precision data
Annex C	(informative) Comparison of results between sample extraction with and without additional protein precipitation