

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	