



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** Chloride (Salt) by Potentiometric Titration

**Method Number:** ISO 21422.2018

**Scope of Application:** This method is applicable to a wide range of food products, including fortified milk and cereal products, clinical nutrition products, culinary products, meat products and petfoods.

**Description:** This is a quantitative method for the determination of chloride and sodium chloride contents by potentiometric titration using silver nitrate, AgNO<sub>3</sub>.

**Sample Weight Required:** 25 g

**Analytical Platform:** Autotitrator- Potentiometric

**Special Information:** This method is not completely specific for chloride. Interferences from bromide and iodide may occur. These interfering anions only occur in low concentrations (i.e. close to LOQ) with respect to chloride in food products and are thus unlikely to produce significant errors in the results.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Chloride		mg/100 g	1	0.8%
Sodium Chloride	salt	g/100 g	0.01	0.8%