



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** Fluoride by Ion Selective Electrode

**Method Number:** LI-12.504

**Scope of Application:** This method is applicable to various fortified clinical nutrition products and dietetic specialties products. It is not applicable to Modulen and Clinutren Desserts.

**Description:** This method describes the dissolution of powdered product in water. Liquid products are analyzed directly. Interfering ions are eliminated using a buffer solution. Determination of the fluoride ion in solution occurs with an ion-selective electrode.

**Sample Weight Required:** 50 g

**Analytical Platform:** Autotitrator: Ion-Selective Electrode

Analyte Reported	Matrix	Unit of Measure	Limit of Quantification	Reproducibility
Fluoride	Liquid	mg/kg	0.1	25%
Fluoride	Powder	mg/kg	0.55	25%
Fluoride	Raw Materials	mg/kg	10	25%