



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Non Protein Nitrogen

Method Number: LI-00.561

Scope of Application: This method is applicable to milk and milk products containing milk proteins or products containing protein hydrolysates such as hypoallergenic infant formulas and certain products for clinical nutrition.

Description: This is a method for the quantitative determination of non-protein nitrogen (NPN) in milk and products containing milk proteins by Kjeldahl using a block digestion apparatus and automated steam distillation unit.

Sample Weight Required: 25 g

Method Reference: ISO 8968-4:2001 /IDF 20-4: 2001. Milk-Determination of nitrogen content. Part 4: Determination of non-protein nitrogen content.

Analytical Platform: Protein by Kjeldahl

Special Information: Must be run with Protein by Kjeldahl (LI-00.556)

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Non Protein Nitrogen as % of Total Nitrogen		g/100 g	N/A	For products with NPN < 3 mg/g: 0.06 mg/g For products with NPN > 3 mg/g: 5% (relative)