

Technical Datasheet

Analysis Name: Melamine and Cyanuric Acid by LC-MS/MS

Method Number: LI-00.176

Scope of Application: Raw milk, milk powder, raw materials and finished products.

Description: Description of an in-house method for the quantitative determination of melamine and cyanuric acid in raw milk, milk powder, raw materials and finished products by liquid chromatography-tandem mass spectrometry.

This method uses a contaminant confirmation process to confirm any detections above the Code of Federal Regulation limits. A retest will be automatically initiated for any such detections and a new due date will be communicated.

Sample Weight

Required: 10 g

Analytical Platform: LC-MS/MS

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Melamine		mg/kg	0.05 in raw milk and milk powder 0.10 in raw materials and finished products	30%
Cyanuric Acid		mg/kg	0.05 in raw milk and milk powder 0.10 in raw materials and finished products	30%
Sum of Melamine and Cyanuric Acid		mg/kg	0.05 in raw milk and milk powder 0.10 in raw materials and finished products	30%