



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Inorganic Arsenic by HPLC-ICP-MS

Method Number: EN-16802:2016

Scope of Application: Infant cereal (rice based), fruit juice, rice based baby food, rice, leek, blue mussels, fish muscle and seaweed.

Description: Determination of inorganic arsenic consisting of arsenite, As(III) and arsenate, As(V). Inorganic arsenic species are extracted into solution and As(III) is oxidized to As(V), with the determination of As(V) as total inorganic arsenic.

Sample Weight Required: 20 g

Method Reference: EN-16802:2016

Analytical Platform: HPLC-ICP-MS

Special Information: Must submit for Total Arsenic by LI-00.848 in order to request test. TAT: 9 days rush/15 days routine.

Analyte Reported	Unit of Measure	Limit of Quantification	Reproducibility
Inorganic Arsenic	µg/kg	10 µg/kg (Dry matrix) 5 µg/kg (Wet Matrix)	< 15 %