



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Patulin by LC-MS/MS

Method Number: LI-00.219

Scope of Application: Juices, purees, infant cereals and yogurts of apple or pear, pear concentrates, raw apples, apple flakes and dried apples.

Description: QuEChERS based method for the extraction and quantitation of the mycotoxin patulin.

Sample Weight Required: 50 g

Method Reference: AOAC Official Method 2007.01 – Pesticides Residues in foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate.

EN 15662, Foods of Plant Origin – Determination of Pesticide Residues Using GC-MS and/or LC-MS/MS Following Acetonitrile Extraction/Partitioning and Clean-up by Dispersive SPE – QuEChERS method.

CEN/TR 16059:2010: Food analysis — Performance criteria for single laboratory validated methods of analysis for the determination of mycotoxins.

Analytical Platform: LC-MS/MS

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Patulin		ppb ($\mu\text{g}/\text{kg}$)	0.7	30%