



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Chlorogenic Acid Determination in Apple Juice by HPLC

Method Number: NQA-06.8104

Scope of Application: This method outlines an HPLC procedure for the determination of CGA (Chlorogenic acid) in apple juice.

Description: Chlorogenic acid is eluted via a gradient HPLC system using reverse phase chromatography and UV absorbance detection at 313 nm.

Sample Weight Required: 100 g

Method Reference: Court, W., "High Performance Reverse Phase Liquid Chromatography of Naturally Occurring Phenolic Compounds", Journal of Chromatography, 130 (1977) 287-291.

Analytical Platform: HPLC

Special Information: Apple Juice Only

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Chlorogenic Acid		mg/kg	2	15%