



NQAC

Nestlé Quality Assurance Center  
Dublin

## Technical Datasheet

**Analysis Name:** D-Isocitric Acid Enzymatic Determination

**Method Number:** NQA-06.8108

**Scope of Application:** This method describes a simple and rapid method for enzymatic determination of total D-isocitric acid (including esters and lactone) in juice concentrates and juice purees.

**Description:** Chemical isolation of total D-isocitric acid using barium salt. This is followed by rapid determination of isocitric acid via enzyme addition and detection by spectrophotometric absorbance.

**Sample Weight Required:** 50 g

**Analytical Platform:** UV-Spectrophotometer

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Isocitric Acid		mg/100 g	3	15%