



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Total Polyphenols in Tea and Coffee Products

Method Number: NQA-52.0001

Scope of Application: Analysis of Total Polyphenols in instant tea powders and tea solutions.

Description: A tea product is prepared as necessary. It is then allowed to react with Folin-Ciocalteu's phenol reagent and sodium carbonate which produces the color to be analyzed. This can then be analyzed by reading on a spectrophotometer at 725 nm and calculated using a standard curve.

Sample Weight Required: 50 g

Analytical Platform: UV-Spectrophotometer

Special Information: Tea, coffee

This method is not accredited to ISO 17025. Validation data & measurement uncertainty may not be available. To request the analysis, please contact US: NQAC Customer Service for current cost and estimated Turn-Around-Time. Please be aware that TAT may change after submission due to supply chain and/or operational variables.

Analyte Reported	Unit of Measure	Limit of Quantification	Reproducibility
Flavonoids	g/100 g	0.005	15%