NQAC
Nestlé Quality Assurance Center

Technical Datasheet

Analysis Name:	Determination of Vitamin C by Potentiometry
Method Number:	LIBR 020
Scope Application:	Description of a method for the quantitative determination of vitamin C (ascorbic acid) in foods by potentiometry. The method allows the determination of ascorbic and isoascorbic (erythorbic acid) but not dehydroascorbic acid.
Description:	Extraction of vitamin C in acidic conditions to avoid autoxidation of ascorbic acid in presence of metal ion scavenger (metaphosphoric acid). Stoichiometric reduction of the dye 2,6-dichlorophenolindophenol (DCPIP), a mild oxidising agent, from its purplish-blue (oxidized) form into its colourless (reduced) form by ascorbic (and isoascorbic) acid
Sample Weight Required:	120 g. Samples on original packaging or sealed.
Method Reference:	-
Analytical Platform:	Potentiomery
Special Information:	Method accredited ABNT ISO 17025: 2017.

Analyte Reported	Alias	Unit of Measure	Typical Limit of Quantification	Uncertainty
Vitamin C	-	mg/100g	5.0	< 12 %

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