

AVAILABLE METHODS OF ANALYSIS FOR VITAMIN C

Available method of analysis	Limitations	Application
HPLC*	High cost. Clean-up and separate detection of homologues add delays	Applicable to all foods
Colorimetry	Measures also inactive compounds	Applicable to all foods
Fluorometry	Does not separate ascorbic and dehydroascorbic acid	Applicable to all foods
Dye titration	Measures ascorbic acid only; value lower as HPLC but comparable values for fresh fruits and vegetables	Applicable to all foods
GLC	Derivatization prior to chromatography required	Applicable to all foods

* = recommended method