

AVAILABLE METHODS OF ANALYSIS FOR VITAMIN D

Available method of analysis	Limitations	Application
HPLC*	High cost. Lipid interference; two stages, preparative followed by analytical separation needed for most foods	Applicable to all foods
Bioassay	For low level only; animal facilities required	Applicable to all foods
Colorimetry	Lack of precision and sensitivity	Applicable to all foods
Gas-liquid chromatography GLC	New procedures under development	Applicable to all foods
Radio-immunoassay	High cost	Applicable to all foods

* = recommended method