

Technical Datasheet

Analysis Name:	Determination of Inositol by GC
Method Number:	LIBR 033
Scope Application:	This instruction describes a method for determination of Inositol by GC.
Description:	Bound inositol is released by hydrolysis of the food product with dilute hydrochloric acid. Inositol is then derivatized to form its trimethylsilyl ether and then determined by capillary column gas chromatography with flame ionisation detection. The steps are as follows: Acidic hydrolysis of the sample and Filtration to eliminate fatty acids. Silylation, with TMSI/Pyridine and Gas chromatography with flame ionisation detection.
Sample Weight Required:	100 g
Method Reference:	-
Analytical Platform:	GC
Special Information:	Method not accredited.

Analyte Reported	Alias	Unit of Measure	Typical Limit of Quantification	Uncertainty
Inosito	-	mg/kg	8.0	< 16 %