

Technical Datasheet

Analysis Name:	Determination of Pantothenic Acid by LC-MS/MS
Method Number:	ISO-20639:2015.
Scope Application:	Method for the quantitative determination of pantothenic acid, excluding bound forms, in infant formula and adult nutritionals using ultra performance liquid chromatography and tandem mass spectrometry method (UHPLC-MS/MS).
Description:	Pantothenic acid is extracted using a 0,4 mol/l ammonium acetate buffer solution. After filtration, the final solution is subjected to ultra high performance liquid chromatography tandem mass spectrometry (UHPLC-MS/MS).
Sample Weight Required:	120 g
Method Reference:	ISO-20639:2015.
Analytical Platform:	LC-MS/MS
Special Information:	LOQ are dependent of matrix. Method accredited ABNT ISO 17025: 2017.

Analyte Reported	Alias	Unit of Measure	Typical Limit of Quantification	Uncertainty
Panthotenic Acid	-	mg/100g	0.05	< 10 %