

Technical Datasheet

Analysis Name:	Determination of Acrylamide by LC-MS/MS
Method Number:	LIBR 117
Scope Application:	Method for the quantitative determination of acrylamide by using ultra performance liquid chromatography and tandem mass spectrometry method (UHPLC-MS/MS).
Description:	The analytical method includes (a) an extraction of acrylamide with water, (b) elimination of non-polar interference products with 2,2,4-Trimethylpentane, (c) removal of interferences with solid phase extraction on a Multimode® cartridge, (d) removal of interferences with solid phase extraction on an ENV+® cartridge, (e) concentration of acrylamide in the final extract and (f) analysis by LC-MS/MS
Sample Weight Required:	120 g
Method Reference:	-
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
Acrylamide	-	µg/kg	10	< 25 %