

Technical Datasheet

Analysis Name:	Determination of Sulphite and Sulfur Dioxide by HPLC
Method Number:	LIBR 051
Scope Application:	This instruction describes a method for the quantification of sulphite + sulfur dioxide by HPLC with post column derivatization.
Description:	Sulphite is extracted by acid solution and sample extract cleaned-up on C18 cartridge. The sulphite is converted in hydromethylsulphonate (HMS) due to addition of formaldehyde unde heating condition. The HMS is determined by ionic par HPLC on reverse phase with post column detection.
Sample Weight Required:	120 g
Method Reference:	-
Analytical Platform:	HPLC
Special Information:	LOQ are dependent of matrix. Method in process for accreditation ABNT ISO 17025: 2017.

Analyte Reported	Alias	Unit of Measure	Typical Limit of Quantification	Uncertainty
Sullphite + Sulfur Dioxide	-	mg/kg	10	< 23 %