

Technical Datasheet

Analysis Name:	Determination of Bromide and Iodine by ICP-MS
Method Number:	LIBR 128
Scope Application:	Method for the quantitative determination of bromide and iodine by using inductively coupled plasma (ICP-MS).
Description:	Total iodine and bromine are extracted from the test portion of the sample with a strong alkaline reagent (TMAH) at elevated temperature using MWD or HPA heating (only closed vessel MWD for bromine). After removing undissolved components, the nebulized solution is atomized and ionized in an ICP-MS instrument
Sample Weight Required:	120 g
Method Reference:	-
Analytical Platform:	ICP-MS
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
Bromide	-	µg/100g	625	< 35 %
Iodine	-	µg/100g	125	< 35 %