

Technical Datasheet

Analysis Name:	Total Iodine Analysis by ICP-MS
Method Number:	LI-00.849
Scope Application:	Method for the quantitative determination of bromide and iodine by using inductively coupled plasma (ICP-MS).
Description:	Iodine is extracted from the test portion of the sample with a strong alkaline reagent in a closed vessel microwave digestion system. Digested samples are ionized through inductively coupled argon plasma. The ions of iodine are extracted from the plasma, separated in the mass spectrometer, and determined using a pulse counting detector system.
Sample Weight Required:	50g
Method Reference:	CEN EN 15111-2007. Foodstuffs. Determination of iodine by ICPMS
Analytical Platform:	ICP-MS
Special information:	Include Certificate of Analysis for premix samples. Protect sample from sunlight during package and transportation

Analyte Reported	Common name	Unit	Typical unit of quantification	uncertainty
Iodine		µg/100g	3.0	25%