

Supplementary Materials

The contribution of infant formula to the food survey-based dietary exposure of nine selected elements

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Supplementary Table 1. Instrumental parameters for the detection of As, Cd, Cr, Mn, Ni, Pb, Se, and Zn via inductively coupled plasma mass spectrometry (ICP-MS)

Parameter	Condition	
	ICP-MS iCAP Q/X-Series II	7800 ICP-MS
Radio frequency power	1550 W	1551 W
Sampling and skimmer cone	Ni	Ni
Plasma gas flow (Ar)	14 L·min ⁻¹	15 L·min ⁻¹
Auxiliary gas flow (Ar)	0.68 L·min ⁻¹	0.90 L·min ⁻¹
Nebulizer gas flow (Ar)	0.90-1.0 L·min ⁻¹	0.90-1.0 L·min ⁻¹
Collision gas flow (He)	5 mL·min ⁻¹	5 mL·min ⁻¹
Dwell time	0.01 s (Cd, Cr, Ni, Pb, Se) and 0.04 s (As, Mn, Zn)	0.1 s (Cr, Mn, Pb, Zn), 0.3 s (Ni), and 2.0 s (Cd, Se)
Replicates	3	3
Isotopes of internal standard	⁹³ Niobium, ¹¹⁵ Indium, ¹⁸⁵ Rhenium	⁹³ Niobium, ¹¹⁵ Indium, ¹⁸⁵ Rhenium