

Supplemental Table 2. ICP-MS operating conditions and instrument parameters

ICP-MS Instrument	Agilent 7500ce
Plasma Conditions	
Nebulizer	PFE microflow with 90 μ L/min uptake rate
Nebulizer pump (rps)	0.1
Spray Chamber	Scott-type (quartz) with Peltier cooling (2°C)
Sampling Depth (mm)	8
RF power (W)	1600
RF Matching (V)	1.7
Gas flows (L/min)	Carrier 0.96; Make-up 0.25
Cones	Ni
Reaction cell (ORS) modes and masses measured	
H ₂ mode (5.3 mL/min)	56
No gas mode	24, 44, 55, 59, 60, 63, 66, 114
Internal stds	9, 45, 72, 115
Detection system	Dual stage (pulse & analog) discrete dynode electron multiplier
Data Acquisition	
Scan mode	Peak hopping
Points across peak	3
Integration per mass (sec)	0.100
Replicates	3

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