

Additional File 1:

Instrumental parameters of ICP-MS analysis

Table S1

RF plasma power	1250 W
Plasma gas flow (Ar)	16 L min ⁻¹
Auxiliary gas flow (Ar)	1.1 L min ⁻¹
Sample gas flow (Ar)	0.72 L min ⁻¹
Mass resolution ($m/\Delta m$)	4000 (MR)
Sample time	10 ms
Scanning mode	E-scan
Detected isotopes	³² S, ⁵⁹ Co, ⁶³ Cu, ⁶⁵ Cu, ¹⁶⁸ Gd
Tracer in elution buffer	¹⁵⁸ Gd
Post-column internal standard	⁵⁹ Co
Nebulizer	Glass concentric nebulizer (Thermo)
Spray chamber	Quartz cyclonic spray chamber Twinnabar (Thermo)
