

**S2 Table** Instrumental operating condition for the analysis of metal in soil and vegetable samples.

Parameters	Value
Plasma power	1400W
Pump speed	30 rpm
Coolant flow	13 L/min
Auxiliary flow	0.8 L/min
Nebulizer flow	0.73 L/min
Optical temperature	14.0-16.0 °C
Nebulizer pressure	2.0-4.0 Bar
Main Argon Pressure	6.0-8.0 Bar
Replicates	3