

Determination of boron isotopic compositions in five fractions of soil boron: Traces of the environmental behavior of boron in soil

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Table S1 Operation conditions of the ICP-MS for the determination of boron content

Parameter	values	Parameter	values
Analysis chamber vacuum	76 Pa	Power	1.55 W
Atomization chamber temperature	2.7 °C	Peristaltic pump speed	40 r/min
Cooling gas flow	14 L/min	Auxiliary gas flow	0.80 L/min
Sampling depth	5.0 mm	Atomizer flow	1.1 L/min
Test time	70 s		

Table S2 Operation conditions of the MC-ICP-MS for the measurement of boron isotope in soil

Parameter	Value	Parameter	Value
RF power	1310 W	Cooling gas flow rate	16 L/min
Auxiliary gas flow rate	1.0 L/min	Sample gas flow rate	1.0 L/min
Extraction voltage	-2000 V	Acceleration voltage	10 kV
Idle time	3 s	Integration time	4.2 s

