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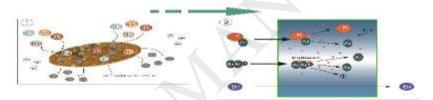


### ACCEPTED MANUSCRIPT

# Determination of low bromine (Br) and iodine (I) in water with low- to high-salinity content using ICP-MS

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#### **Graphical abstract**



The matrix effect in high-salinity aqueous samples was avoided using H-form cation-exchange resin. Matrix related isobaric interferences (\*\*OAr\*\*\*K and \*\*OAr\*\*\*K and \*\*OAR\*\*K and

#### Highlights

 Kinetic energy discrimination (KED) operation mode of ICP-MS has been used to eliminate the isobaric interferences from K during the determination of Br and I.

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