

Validating the high-precision measurement of Mo isotopes at the 5 ng level using double spike MC-ICP-MS

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Suppl table 1

Table 1. The cleaning procedures of cation and anion resins for Mo purification

Separation stage	Reagent	Volume/ml
Resin: Cation exchange resin (AG50W-X8, 200–400 mesh, 2 mL)		
Clean resin	3.5 M HNO ₃	6
Clean resin	8 M HF + 2 M HCl	6
Clean resin	6 M HCl	8
Clean resin	MQ H ₂ O	10
Clean resin	0.5 M HCl + 0.3 % H ₂ O ₂	10
Clean resin	MQ H ₂ O	10
Resin: Anion exchange resin (Muromac®1X8, 100–200 mesh, 2 mL)		
Clean resin	3.5 M HNO ₃	10
Clean resin	1 M HCl	20
Clean resin	0.1 M HCl	10
Clean resin	MQ H ₂ O	10
Clean resin	8 M HF + 2 M HCl	10
Clean resin	MQ H ₂ O	10