

Column 2	Purpose	Volume	Acid
5 mL of Eichrom 1x4 200-400 mesh resin			
	pre-clean and pre-condition	3 mL	0.25M HNO ₃
	pre-clean and pre-condition	5 mL	7.5M HNO ₃
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	pre-clean and pre-condition	3 mL	0.25M HNO ₃
	load sample, elute Fe	5 mL	7.5M HNO ₃
	elute Fe	5 mL	7.5M HNO ₃
	elute Fe	5 mL	7.5M HNO ₃
	condition sample	1 mL	0.25M HNO ₃
	elute and collect U	2 mL	0.25M HNO ₃
	elute and collect U	2 mL	0.25M HNO ₃
	elute and collect U	2 mL	0.25M HNO ₃
	elute and collect U	1 mL	0.25M HNO ₃