

Chromate Removal

RESIN GRADES	RESINEX AB-1	RESINEX A-4/AP
Chromate concentration	>500 ppb	<500 ppb
System	Regeneration	One-Way-Use
	2 columns in serial, Mary-go-round	
Ionic form in operation	Cl- form	
Bed depth	min. 1000 mm	
Specific flow rate	10 - 20 BV per column	
Achievable concentration	<50 ppb	<10 ppb
	after the 1. column	
Shut down criteria	10% of the inlet concentration after the 1. column	
Requirements		
pH	<8, optimum at 4-6 adjustment by e.g. HCl	<8
SO ₄ ²⁻	<200 ppm, if concentration is higher please consider less running capacity and higher leakage.	
Regeneration	3 BV NaOH, 4%	
Rinse water requirement	3-5 BV	
Conditioning	0.8 BV HCl, 4% intensive mixing by air	as shipped

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