

Dynamic Column Extraction for Europium on Media #1 at Ambient Temperature

Experimental Conditions

- pH 3.2
- 10L of 200ppm Eu solution
- 12g Media #1
- 2mL/ minute flow rate
- Ambient temperature
- 1.5x15 cm column
- Analysis of effluent by ICP-MS

Table 1: Total capacity for Dynamic Column Extraction for Eu at ambient temperature.

Eu Column Absorption Capacity			
	% wt/wt absorbed	% wt/wt from wash	% wt/wt stripped
Media 1	1.79	0.46	1.77

Graph 1: Shows the breakthrough of Eu for Media #1 in a column at ambient temperature.

