

**Certificate of Analysis**  
No. CA12221

**Product:** Eichrom's Sr Resin columns  
**Lot #:** SR12E

Eichrom's Sr Resin column Lot # SR12E has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot has been tested in accordance with Eichrom's quality assurance policy and procedures. This lot of product meets all Eichrom quality specifications.

**ANALYSIS RESULTS**

<u>Test Value</u>	<u>Specification</u>	<u>Result</u>
Appearance	White beads	Pass
Distribution Ratio, Sr in 3.1 N nitric acid	$\geq 100$	121.9
% Gravimetric Recovery	$\leq 105$	97.5
% Chemical Recovery, Corrected	90-110	98.6
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	93.12
Max. standard deviation	2.5	0.9
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.25	0.00
Max. standard deviation	0.25	0.00
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.50	0.13
Max. standard deviation	0.50	0.01
%Y stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.25	0.0
Max. standard deviation	0.25	0.0
%Y in 8M HNO <sub>3</sub> load and rinse		
Least acceptable mean (5 rep)	99.0	100.0
Max. standard deviation	2.5	0.0
Raw support resin gravity flow rate, mL/min	0.60-0.80	0.70

Jill Bryant  
Quality Supervisor



November 19, 2012