

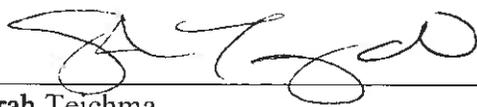
**Certificate of Analysis**  
 No. CA11171

Product: Eichrom's Sr Resin  
 Lot #: SRA072111

Eichrom's Sr Resin Lot # SRA072111 has been manufactured according to Eichrom's standard operating procedures. 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	≥ 100	103.4
% Gravimetric Recovery	≤ 105	102.3
% Chemical Recovery, Corrected	90-110	92.6
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	94.1
Max. standard deviation	2.5	1.5
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.25	0.01
Max. standard deviation	0.25	0.02
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.50	0.03
Max. standard deviation	0.50	0.06
%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	0.65

  
 Sarah Tejchma  
 Quality Supervisor

8-3-11  
 August 3, 2011