

Certificate of Analysis
 No. CA11278

Product: Eichrom's Sr Resin
 Lot #: SRA121511

Eichrom's Sr Resin Lot # SRA121511 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	145.9
% Gravimetric Recovery	≤ 105	100.2
% Chemical Recovery, Corrected	90-110	96.0
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	96.5
Max. standard deviation	2.5	1.8
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.12
Max. standard deviation	0.25	0.07
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.24
Max. standard deviation	0.50	0.01
%Y stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.0
Max. standard deviation	0.25	0.0
%Y in 8M HNO ₃ load and rinse		
Least acceptable mean (5 rep)	99.0	99.9
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

12-22-11
 December 22, 2011