

Certificate of Analysis

No. CA08266

Product: Eichrom's Sr Resin

Lot #: SRA12128

Eichrom's Sr Resin Lot # SRA12128 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	120
% Gravimetric Recovery	≤ 105	103
% Chemical Recovery, Corrected	90-110	95.9
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	96.0
Max. standard deviation	2.5	0.7
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.02
Max. standard deviation	0.25	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.33
Max. standard deviation	0.50	0.08
%Y stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.00
Max. standard deviation	0.25	0.00
%Y in 8M HNO ₃ load and rinse		
Least acceptable mean (5 rep)	99.0	99.9
Max. standard deviation	2.5	0.2



Jill Bryant
Quality System Coordinator

December 24, 2008