

Certificate of Analysis
No. CA12209

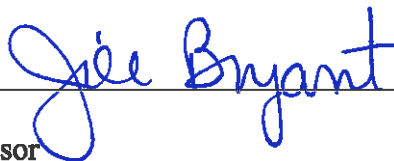
Product: Eichrom's Sr Resin
Lot #: SRA101912

Eichrom's Sr Resin Lot # SRA101912 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	121.9
% Gravimetric Recovery	≤ 105	97.5
% Chemical Recovery, Corrected	90-110	98.6
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	93.12
Max. standard deviation	2.5	0.9
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.00
Max. standard deviation	0.25	0.00
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.13
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	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 9, 2012