

Certificate of Analysis
No. CA11142

Product: Eichrom's Sr Resin
Lot #: SRA061011

Eichrom's Sr Resin Lot # SRA061011 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	122.1
% Gravimetric Recovery	≤ 105	102.7
% Chemical Recovery, Corrected	90-110	90.1
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	94.7
Max. standard deviation	2.5	2.0
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.03
Max. standard deviation	0.25	0.07
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.06
Max. standard deviation	0.50	0.09
%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 Teichma
Quality Supervisor

6-22-11
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