

Certificate of Analysis
No. CA09181

Product: Eichrom's Sr Resin
Lot #: SRA120509

Eichrom's Sr Resin Lot # SRA120509 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	127
% Gravimetric Recovery	≤ 105	101.2
% Chemical Recovery, Corrected	90-110	92.1
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	96.1
Max. standard deviation	2.5	1.3
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.00
Max. standard deviation	0.25	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.17
Max. standard deviation	0.50	0.02
%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	0.72


Joel Williamson
Quality Manager

Prepared December 11, 2009