

Certificate of Analysis

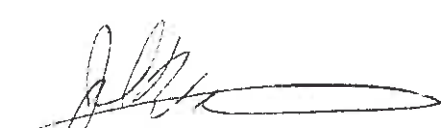
No. CA09121

Product: Eichrom's Sr Resin
Lot #: SRA090209

Eichrom's Sr Resin Lot # SRA090209 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	117
% Gravimetric Recovery	≤ 105	102.7
% Chemical Recovery, Corrected	90-110	91.1
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	92.0
Max. standard deviation	2.5	1.7
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.06
Max. standard deviation	0.25	0.04
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.00
Max. standard deviation	0.50	0.00
%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	0.75


Joel Williamson
Quality Manager

Prepared September 14, 2009