

Certificate of Analysis

No. CA09138

Product: Eichrom's Sr Resin
Lot #: SRS091109

Eichrom's Sr Resin Lot # SRS091109 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
% Gravimetric Recovery	≤ 105	97.9
% Chemical Recovery, Corrected	90-110	96.1
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	94.0
Max. standard deviation	2.5	1.6
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.10
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.00
Max. standard deviation	0.10	0.00
%Y stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.00
%Y in 8M HNO ₃ load and rinse		
Least acceptable mean (5 rep)	99.0	100
Max. standard deviation	2.5	0.0


Joel Williamson
Quality Manager

October 6, 2009