

Certificate of Analysis

No. CA08214

Product: Eichrom's Sr Resin

Lot #: SRS09308

Eichrom's Sr Resin Lot # SRS09308 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	110
% Gravimetric Recovery	≤ 105	104.3
% Chemical Recovery, Corrected	90-110	93.3
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	96.0
Max. standard deviation	2.5	2.3
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.17
Max. standard deviation	0.25	0.07
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.07
Max. standard deviation	0.10	0.02
%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	100.0
Max. standard deviation	2.5	0.00



Joel Williamson
Quality Manager

Prepared October 10, 2008