

Certificate of Analysis
No. CA11071

Product: Eichrom's Sr Resin
Lot #: SRS032211

Eichrom's Sr Resin Lot # SRS032211 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	117.5
% Gravimetric Recovery	≤ 105	102.1
% Chemical Recovery, Corrected	90-110	94.6
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	98.7
Max. standard deviation	2.5	1.0
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.01
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	100.0
Max. standard deviation	2.5	0.0


Sarah Tejchma
Quality Supervisor

4-4-11

April 4, 2011