

Certificate of Analysis
No. CA11023

Product: Eichrom's Sr Resin
Lot #: SRS011211

Eichrom's Sr Resin Lot # SRS011211 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	116.5
% Gravimetric Recovery	≤ 105	103.1
% Chemical Recovery, Corrected	90-110	94.5
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	97.5
Max. standard deviation	2.5	0.2
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.00
%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 Teichma
Quality Supervisor

January 25, 2011