

Certificate of Analysis
No. CA11125

Product: Eichrom's Sr Resin cartridges
Lot #: SRSR11D

Eichrom's Sr Resin cartridge Lot # SRSR11D 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	114.1
% Gravimetric Recovery	≤ 105	103.3
% Chemical Recovery, Corrected	90-110	90.1
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	90.5
Max. standard deviation	2.5	2.0
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.02
Max. standard deviation	0.05	0.02
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.02
Max. standard deviation	0.10	0.03
%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

Jill Bryant
Quality System Coordinator

June 2, 2011