

Certificate of Analysis
 No. CA11172

Product: Eichrom's Sr Resin cartridges
 Lot #: SRSR11E

Eichrom's Sr Resin Lot cartridge SRSR11E has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture 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	111.0
% Gravimetric Recovery	≤ 105	103.5
% Chemical Recovery, Corrected	90-110	94.3
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	97.5
Max. standard deviation	2.5	1.6
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.01
Max. standard deviation	0.05	0.02
%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

Jill Bryant
 Quality System Coordinator



August 8, 2011