

Certificate of Analysis
No. CA10227

Product: Eichrom's Sr Resin cartridges
Lot #: SRSR10E

Eichrom's Sr Resin cartridge Lot # SRSR10E 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	127
% Gravimetric Recovery	≤ 105	98.1
% Chemical Recovery, Corrected	90-110	96.7
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	97.5
Max. standard deviation	2.5	1.4
%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

Jill Bryant
Quality System Coordinator

October 22, 2010