

Certificate of Analysis

No. CA09009

Product: Eichrom's Sr Resin cartridges

Lot #: SRSR09A

Eichrom's Sr Resin cartridge Lot # SRSR09A 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	110
% Gravimetric Recovery	≤ 105	104.3
% Chemical Recovery, Corrected	90-110	93.3
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	96.0
Max. standard deviation	2.5	2.3
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.17
Max. standard deviation	0.25	0.07
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.07
Max. standard deviation	0.10	0.02
%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	0.00



February 2, 2009

Jill Bryant
Quality System Coordinator