

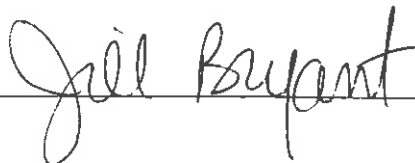
Certificate of Analysis
No. CA09110

Product: Eichrom's Sr Resin cartridges
Lot #: SRSR09E

Eichrom's Sr Resin cartridge Lot # SRSR09E 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	122
% Gravimetric Recovery	≤ 105	101
% Chemical Recovery, Corrected	90-110	97.3
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	98.6
Max. standard deviation	2.5	0.6
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.02
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.06
Max. standard deviation	0.10	0.04
%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
Max. standard deviation	2.5	0.0



August 27, 2009

Jill Bryant
Quality System Coordinator