

Certificate of Analysis

No. CA08269

Product: Eichrom's Sr Resin

Lot #: SRS12198

Eichrom's Sr Resin Lot # SRS12198 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	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



December 24, 2008

Jill Bryant
Quality System Coordinator