

Certificate of Analysis
No. CA12061

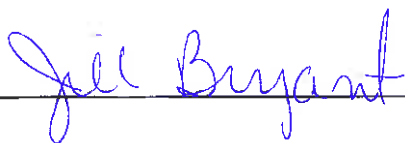
Product: Eichrom's Sr Resin cartridges
Lot #: SRSR12B

Eichrom's Sr Resin cartridges Lot # SRSR12B 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	113.3
% Gravimetric Recovery	≤ 105	99.8
% Chemical Recovery, Corrected	90-110	97.4
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	95.9
Max. standard deviation	2.5	2.5
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.03
Max. standard deviation	0.05	0.05
%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



April 4, 2012