



## Certificate of Analysis

No. CA 14221

Product: Eichrom's Sr Resin 1mL cartridges

Lot #: SRSR14J

Eichrom's Sr Resin 1mL cartridges Lot # SRSR14J 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	$\geq 100$	130.0
% Gravimetric Recovery	$\leq 105$	100.4
% Chemical Recovery, Corrected	90-110	97.3
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	93.2
Max. standard deviation	2.5	1.6
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.00
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.25	0.14
Max. standard deviation	0.10	0.05
%Y stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.0
Max. standard deviation	0.05	0.0
%Y in 8M HNO <sub>3</sub> load and rinse		
Least acceptable mean (5 rep)	99.0	100.0
Max. standard deviation	2.5	0.0

Jill Bryant  
Quality System Coordinator

December 1, 2014