

## Certificate of Analysis

No. CA 18046

Product: Eichrom's Sr Resin Cartridges  
 Lot #: SRSR18C  
 Date of Manufacture: 4-APR-2018

Eichrom's Sr Resin cartridge Lot SRSR18C has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS032018, 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	111.0
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	88.3
Max. standard deviation	2.5	0.9
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.03
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.50	0.32
Max. standard deviation	0.10	0.06
%Y stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.00
%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

April 4, 2018