

### Certificate of Analysis

No. CA 18158

Product: Eichrom's Sr Resin Columns  
 Lot #: SR18F  
 Date of Manufacture: 12-SEP-2018

Eichrom's Sr Resin column Lot # SR18F has been manufactured according to Eichrom's standard operating procedures. Sr resin, lot number SRA052218, was used to manufacture this lot and 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	111.2
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	97.3
Max. standard deviation	2.5	0.7
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.01
Max. standard deviation	0.05	0.02
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.50	0.16
Max. standard deviation	0.50	0.00
%Y stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.25	0.0
Max. standard deviation	0.25	0.0
%Y in 8M HNO <sub>3</sub> load and rinse		
Least acceptable mean (5 rep)	99.0	99.9
Max. standard deviation	2.5	0.0

  
 Sarah McAlister  
 Quality Manager

17 Sep 18  
 September 17, 2018