

## Certificate of Analysis

No. CA 22076

Product: Eichrom's Sr Resin Cartridges  
 Lot #: SRSR22B  
 Date of Manufacture: 29-MAR-2022

Eichrom's Sr Resin cartridge Lot # SRSR22B has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS020322, 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	123.8
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	93.5
Max. standard deviation	2.5	1.8
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.03
Max. standard deviation	0.05	0.03
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.75	0.43
Max. standard deviation	0.10	0.07
%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	99.9
Max. standard deviation	2.5	0.0

  
 Jill Bryant  
 Quality System Coordinator

March 30, 2022