

## Certificate of Analysis

No. CA 21240

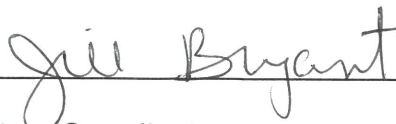
Product: Eichrom's Sr Resin 1mL Cartridges  
 Lot #: SRSR21H  
 Date of Manufacture: 12-OCT-2021

Eichrom's Sr Resin 1mL Cartridge Lot # SRSR21H has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS020921, 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	121.3
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	91.6
Max. standard deviation	2.5	1.6
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.02
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.75	0.27
Max. standard deviation	0.10	0.13
%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



October 12, 2021