

## Certificate of Analysis

No. CA 23029

Product: Eichrom's Sr Resin 1mL Cartridges  
Lot #: SRSR23A  
Date of Manufacture: 20-FEB-2023

Eichrom's Sr resin 1mL Cartridge Lot SRSR23A has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, # SRS120522, 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	$\geq 100$	111.0
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	97.5
Max. standard deviation	2.5	1.3
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.75	0.16
Max. standard deviation	0.10	0.00
%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

February 22, 2023