

Certificate of Analysis

No. CA 24019

Product: Eichrom's Sr Resin 1mL Cartridges
Lot #: SRSR24A
Date of Manufacture: 31-JAN-2024

Eichrom's Sr Resin 1mL cartridge Lot SRSR24A has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS121223, 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	106.0
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	90.4
Max. standard deviation	2.5	1.9
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.04
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.75	0.00
Max. standard deviation	0.10	0.00
%Y stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.00
%Y in 8M HNO ₃ 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 1, 2024