

Certificate of Analysis

No. CA 22116

Product: Eichrom's Sr Resin 1mL Cartridges
Lot #: SRSR22C
Date of Manufacture: 18-MAY-2022

Eichrom's Sr Resin 1mL Cartridge Lot # SRSR22C has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS031622, 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	111.1
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	90.4
Max. standard deviation	2.5	1.7
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.75	0.27
Max. standard deviation	0.10	0.07
%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

May 18, 2022