

Certificate of Analysis

No. CA 22265

Product: Eichrom's Sr Resin Cartridges
 Lot #: SRSR22G
 Date of Manufacture: 22-NOV-2022
 Best By Date: 28-FEB-2024

Eichrom's Sr Resin cartridge Lot SRSR22G has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS083022, 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	108.2
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	91.2
Max. standard deviation	2.5	1.2
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.03
%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

November 28, 2022