

Certificate of Analysis


No. CA 21057

Product: Eichrom's Sr Resin 5mL Columns
Lot #: SR21B
Date of Manufacture: 24-FEB-2021

Eichrom's Sr Resin 5mL Columns Lot SR21B has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, # SRA021521, 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	124.2
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	94.6
Max. standard deviation	2.5	1.9
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.02
Max. standard deviation	0.25	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	1.00	0.21
Max. standard deviation	0.50	0.08
%Y stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.0
Max. standard deviation	0.25	0.0
%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 24, 2021