

Certificate of Analysis

No. CA 17186

Product: Eichrom's Sr Resin 5mL Columns
Date of Manufacture: 6-Dec-17
Lot #: SR17C

Eichrom's Sr Resin 5mL Column Lot # SR17C has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRA080217, 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	114.5
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	88.4
Max. standard deviation	2.5	2.1
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.04
Max. standard deviation	0.25	0.02
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.03
Max. standard deviation	0.50	0.07
%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	99.9
Max. standard deviation	2.5	0.0

Jill Bryant
Quality System Coordinator

December 6, 2017