

Certificate of Analysis

No. CA 19182

Product: Eichrom's Sr Resin Cartridges
 Lot #: SRSR19I
 Date of Manufacture: 30-OCT-2019

Eichrom's Sr Resin cartridge Lot SRSR19I has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS101619, 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	119.1
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	90.2
Max. standard deviation	2.5	1.8
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.02
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.28
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	99.9
Max. standard deviation	2.5	0.1

Jill Bryant
 Quality System Coordinator

October 30, 2019