

Certificate of Analysis

No. CA 18169

Product: Eichrom's Sr Resin Cartridges
 Lot #: SRSR18G
 Date of Manufacture: 3-OCT-2018

Eichrom's Sr Resin cartridge Lot # SRSR18G has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS082318, 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	123.3
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	90.3
Max. standard deviation	2.5	2.4
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.02
Max. standard deviation	0.05	0.03
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.25
Max. standard deviation	0.10	0.09
%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



October 4, 2018