

**Certificate of Analysis**

No. CA 19012

Product: Eichrom's Sr Resin 12.5mL Columns  
 Lot #: SR19A  
 Date of Manufacture: 17-JAN-2019

Eichrom's Sr Resin 12.5mL Columns Lot # SR19A has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRA111918, 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	132.0
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	98.1
Max. standard deviation	2.5	0.5
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.25	0.01
Max. standard deviation	0.25	0.01
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.50	0.46
Max. standard deviation	0.50	0.00
%Y stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.25	0.0
Max. standard deviation	0.25	0.0
%Y in 8M HNO <sub>3</sub> load and rinse		
Least acceptable mean (5 rep)	99.0	99.9
Max. standard deviation	2.5	0.0

*Jill Bryant*

Jill Bryant  
 Quality System Coordinator

January 22, 2019