

## Certificate of Analysis

No. CA 20194

Product: Eichrom's Sr Resin QML Cartridges  
Lot #: SRSR20J  
Date of Manufacture: 2-NOV-2020

Eichrom's Sr Resin QML cartridge Lot # SRSR20J has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRF020720, 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	$\geq 100$	133.4
% Sr stripped in 0.05M HNO <sub>3</sub>		
Least acceptable mean (5 rep)	85.0	92.9
Max. standard deviation	2.5	2.0
%Ca stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.07
Max. standard deviation	0.05	0.02
%Ba stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.50	0.18
Max. standard deviation	0.10	0.07
%Y stripped in 0.05M HNO <sub>3</sub>		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.00
%Y in 8M HNO <sub>3</sub> load and rinse		
Least acceptable mean (5 rep)	99.0	100.0
Max. standard deviation	2.5	0.0

  
Jill Bryant  
Quality System Coordinator

November 2, 2020