

Certificate of Analysis

No. CA 19089

Product: Eichrom's Sr Resin 1mL Cartridges
 Lot #: SRSR19D
 Date of Manufacture: 11-JUN-2019

Eichrom's Sr Resin 1mL Cartridge Lot SRSR19D has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, # SRS112818, 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	136.6
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	89.3
Max. standard deviation	2.5	0.5
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.02
Max. standard deviation	0.05	0.02
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.44
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	0.0

Jill Bryant
 Quality System Coordinator

June 11, 2019