

Certificate of Analysis

No. CA10127

Product: Eichrom's Sr Resin cartridges

Lot #: SRSR10C

Eichrom's Sr Resin cartridge Lot # SRSR10C has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot 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	126
% Gravimetric Recovery	≤ 105	99.0
% Chemical Recovery, Corrected	90-110	94.8
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	92.5
Max. standard deviation	2.5	2.0
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.01
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.02
Max. standard deviation	0.10	0.05
%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

July 9, 2010