

Certificate of Analysis

No. CA13111

Product: Eichrom's Sr Resin 2mL column

Lot #: SR13B

Eichrom's Sr Resin 2mL column Lot # SR13B 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	133.9
% Gravimetric Recovery	≤ 105	99.0
% Chemical Recovery, Corrected	90-110	95.9
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	97.58
Max. standard deviation	2.5	0.2
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.00
Max. standard deviation	0.25	0.00
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.32
Max. standard deviation	0.50	0.07
%Y stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.0
Max. standard deviation	0.25	0.0
%Y in 8M HNO ₃ load and rinse		
Least acceptable mean (5 rep)	99.0	99.8
Max. standard deviation	2.5	0.1
Raw support resin gravity flow rate, mL/min	0.60-0.80	0.77

Jill Bryant
Quality System Coordinator

August 21, 2013