



Certificate of Analysis

No. CA 14130

Product: Eichrom's Sr Resin

Lot #: SRA072914

Eichrom's Sr Resin Lot # SRA072914 has been manufactured according to Eichrom's standard operating procedures. 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	132.7
% Gravimetric Recovery	≤ 105	99.4
% Chemical Recovery, Corrected	90-110	96.5
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	96.5
Max. standard deviation	2.5	0.5
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.0
Max. standard deviation	0.05	0.0
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.50	0.3
Max. standard deviation	0.50	0.1
%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	0.0

Sarah Tejchma
Quality Manager

7 Aug 14

August 7, 2014