

Certificate of Analysis

No. CA 15148

Product: Eichrom's Sr Resin

Lot #: SRS072815

Eichrom's Sr Resin Lot # SRS072815 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	122.4
% Gravimetric Recovery	≤ 105	99.4
% Chemical Recovery, Corrected	90-110	96.7
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	86.5
Max. standard deviation	2.5	1.7
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.02
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.2
Max. standard deviation	0.10	0.1
%Y stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.0
Max. standard deviation	0.05	0.0
%Y in 8M HNO ₃ load and rinse		
Least acceptable mean (5 rep)	99.0	100.0
Max. standard deviation	2.5	0.0



Sarah Tejchma
Quality Manager

5 Aug 15

August 5, 2015