



Certificate of Analysis

No. CA 14156

Product: Eichrom's Sr Resin

Lot #: SRA091614

Eichrom's Sr Resin Lot # SRA091614 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	118.9
% Gravimetric Recovery	≤ 105	99.8
% Chemical Recovery, Corrected	90-110	94.4
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	92.2
Max. standard deviation	2.5	1.3
%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	0.4
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	99.9
Max. standard deviation	2.5	0.0

Sarah Tejchma
Quality Manager

23 Sep 14

September 23, 2014

