

Certificate of Analysis

No. CA 13155

Product: Eichrom's Sr Resin

Lot #: SRS090913

Eichrom's Sr Resin Lot # SRS090913 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	136.4
% Gravimetric Recovery	≤ 105	99.2
% Chemical Recovery, Corrected	90-110	98.0
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	96.7
Max. standard deviation	2.5	0.4
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.01
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.20
Max. standard deviation	0.10	0.10
%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 Teichma
QC Manager

20 Oct 13

October 2, 2013