

Certificate of Analysis

No. CA 15155

Product: Eichrom's Sr Resin Cartridges

Lot #: SRSR15H

Eichrom's Sr Resin cartridge Lot # SRSR15H 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	121.9
% Gravimetric Recovery	≤ 105	99.4
% Chemical Recovery, Corrected	90-110	99.3
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	93.2
Max. standard deviation	2.5	1.6
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.03
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	0.0
%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

Jill Bryant
Quality System Coordinator

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