

Certificate of Analysis

No. CA10165

Product: Eichrom's Sr Resin cartridges

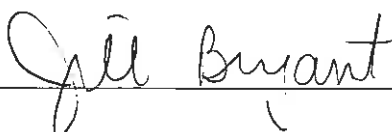
Lot #: SRSR10D

Eichrom's Sr Resin cartridge Lot # SRSR10D 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	120
% Gravimetric Recovery	≤ 105	104.3
% Chemical Recovery, Corrected	90-110	92.3
% Sr stripped in 0.05M HNO ₃		
Least acceptable mean (5 rep)	85.0	90.3
Max. standard deviation	2.5	1.9
%Ca stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.00
%Ba stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.25	0.00
Max. standard deviation	0.10	0.00
%Y stripped in 0.05M HNO ₃		
Maximum acceptable mean (5 rep)	0.15	0.00
Max. standard deviation	0.05	0.00
%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



August 25, 2010