

Certificate of Analysis
No. CA10115

Product: Eichrom's Sr Resin
Lot #: SRA060710

Eichrom's Sr Resin Lot # SRA060710 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 | 125 |
| % Gravimetric Recovery | ≤ 105 | 103.9 |
| % Chemical Recovery, Corrected | 90-110 | 90 |
| % Sr stripped in 0.05M HNO ₃ | | |
| Least acceptable mean (5 rep) | 85.0 | 93.8 |
| Max. standard deviation | 2.5 | 1.1 |
| %Ca stripped in 0.05M HNO ₃ | | |
| Maximum acceptable mean (5 rep) | 0.25 | 0.01 |
| Max. standard deviation | 0.25 | 0.03 |
| %Ba stripped in 0.05M HNO ₃ | | |
| Maximum acceptable mean (5 rep) | 0.50 | 0.03 |
| Max. standard deviation | 0.50 | 0.03 |
| %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 | 100.0 |
| Max. standard deviation | 2.5 | 0.0 |
| Raw support resin gravity flow rate, mL/min | 0.60-0.80 | 0.67 |


Joel Williamson
Quality Manager

Prepared June 14, 2010