


Certificate of Analysis
No. CA11081

Product: Eichrom's Sr Resin 1mL Cartridges
Lot #: SRSR11B

Eichrom's Sr Resin cartridge Lot # SRSR11B 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 |
| % Gravimetric Recovery | ≤ 105 | 100.2 |
| % Chemical Recovery, Corrected | 90-110 | 95.4 |
| % Sr stripped in 0.05M HNO ₃ | | |
| Least acceptable mean (5 rep) | 85.0 | 95.7 |
| Max. standard deviation | 2.5 | 1.7 |
| %Ca stripped in 0.05M HNO ₃ | | |
| Maximum acceptable mean (5 rep) | 0.15 | 0.03 |
| Max. standard deviation | 0.05 | 0.03 |
| %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 |



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Quality Control Supervisor

4-11-11

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