

Certificate of Analysis

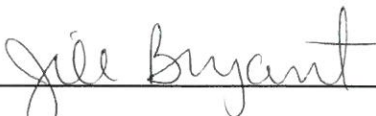
No. CA 18014

Product: Eichrom's Sr Resin Cartridges
 Lot #: SRSR18A
 Date of Manufacture: 15-FEB-2018

Eichrom's Sr Resin cartridge Lot # SRSR18A has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, SRS020118, 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 | 133.5 |
| % Sr stripped in 0.05M HNO ₃ | | |
| Least acceptable mean (5 rep) | 85.0 | 87.7 |
| Max. standard deviation | 2.5 | 1.2 |
| %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) | 0.50 | 0.35 |
| Max. standard deviation | 0.10 | 0.08 |
| %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 |



 February 16, 2018

Jill Bryant
 Quality System Coordinator