

**Certificate of Analysis**  
No. CA 23184

Product: Eichrom's Sr Resin  
Lot #: SRA080323  
Date of Manufacture: 3-AUG-2023

Eichrom's Sr Resin Lot # SRA080323 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 | $\geq 100$           | 108.5         |
| % Sr stripped in 0.05M HNO <sub>3</sub>     |                      |               |
| Least acceptable mean (5 rep)               | 85.0                 | 96.3          |
| Max. standard deviation                     | 2.5                  | 0.5           |
| %Ca stripped in 0.05M HNO <sub>3</sub>      |                      |               |
| Maximum acceptable mean (5 rep)             | 0.25                 | 0.01          |
| Max. standard deviation                     | 0.25                 | 0.06          |
| %Ba stripped in 0.05M HNO <sub>3</sub>      |                      |               |
| Maximum acceptable mean (5 rep)             | 1.00                 | 0.26          |
| Max. standard deviation                     | 0.50                 | 0.09          |
| %Y stripped in 0.05M HNO <sub>3</sub>       |                      |               |
| Maximum acceptable mean (5 rep)             | 0.25                 | 0.0           |
| Max. standard deviation                     | 0.25                 | 0.0           |
| %Y in 8M HNO <sub>3</sub> load and rinse    |                      |               |
| Least acceptable mean (5 rep)               | 99.0                 | 99.9          |
| Max. standard deviation                     | 2.5                  | 0.0           |



Jose A Munoz  
Quality Analyst

August 15, 2023



# Certificate of Analysis

No. CA 23185

Product: SCX Silica  
Part No: SCX-SILICA  
Lot No: SCX071023  
Manufactured Date: 15-AUG-2023

Eichrom's SCX Silica Lot # SCX071023 has been manufactured according to Eichrom's standard operating procedures. This lot has been tested in accordance with Eichrom's quality assurance procedures and purity testing. This lot of product meets all Eichrom quality specifications.

No products of animal or human origin are used in the manufacture of this product.

## ANALYSIS RESULTS

| <u>Test Value</u>                         | <u>Specification</u> | <u>Result</u> |
|---|----------------------|---------------|
| Fe Content ( $\mu\text{g}$ per cartridge) | <0.6                 | 0.2           |
| Recovery of Ga (%)                        | >98.0                | 99.7          |

Jose A Munoz  
Quality Analyst

August 15, 2023