

Certificate of Analysis
No. CA19219

Product: Eichrom's TRU Resin
 Lot #: TRA120519
 Date of Manufacture: 5-DEC-2019

Eichrom's TRU Resin Lot # TRA120519 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, Eu in 3.1 N nitric acid | ≥ 60 | 94.1 |
| % ²⁴¹ Am stripped in 4M HCl | | |
| Least acceptable mean (4 rep) | 95.0 | 99.4 |
| Max. standard deviation | 2.5 | 0.1 |
| % ²⁴¹ Am stripped in 0.1M ammonium bioxalate | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.4 |
| Max. standard deviation | 0.5 | 0.1 |
| % ²³⁹ Pu stripped in 0.1M ammonium bioxalate | | |
| Least acceptable mean (4 rep) | 95.0 | 99.5 |
| Max. standard deviation | 2.5 | 0.1 |
| % ²³⁹ Pu stripped in 4M HCl | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.0 |
| Max. standard deviation | 0.5 | 0.1 |

Jill Bryant
Quality System Coordinator



December 12, 2019