

Certificate of Analysis
 No. CA11146

Product: Eichrom's TEVA Resin cartridges
 Lot #: TESR11E

Eichrom's TEVA Resin cartridge Lot # TESR11E 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 |
| Distribution Ratio, 3.0 N nitric acid | >200 | 473 |
| % ²³⁰ Th stripped in 6M HCl | | |
| Least acceptable mean (4 rep) | 93.0 | 100.1 |
| Max. standard deviation | 2.5 | 0.3 |
| % ²³⁰ Th stripped in 0.02M HCl + 0.02M HF | | |
| Maximum acceptable mean (4 rep) | 2.0 | 0.4 |
| Max. standard deviation | 1.5 | 0.2 |
| % ²³⁹ Pu stripped in 0.02M HCl + 0.02M HF | | |
| Least acceptable mean (4 rep) | 90.0 | 99.0 |
| Max. standard deviation | 2.5 | 0.6 |
| % ²³⁹ Pu stripped in 6M HCl | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.0 |
| Max. standard deviation | 0.5 | 0.1 |
| Extractant distribution ratio, ²³⁰ Th in 3M HNO ₃ | >210 | 302 |
| Extractant distribution ratio, ²³⁰ Th in 6M HCl | <0.01 | 0.002 |

Jill Bryant
 Quality System Coordinator

Jill Bryant

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