

## Certificate of Analysis

No. CA07182

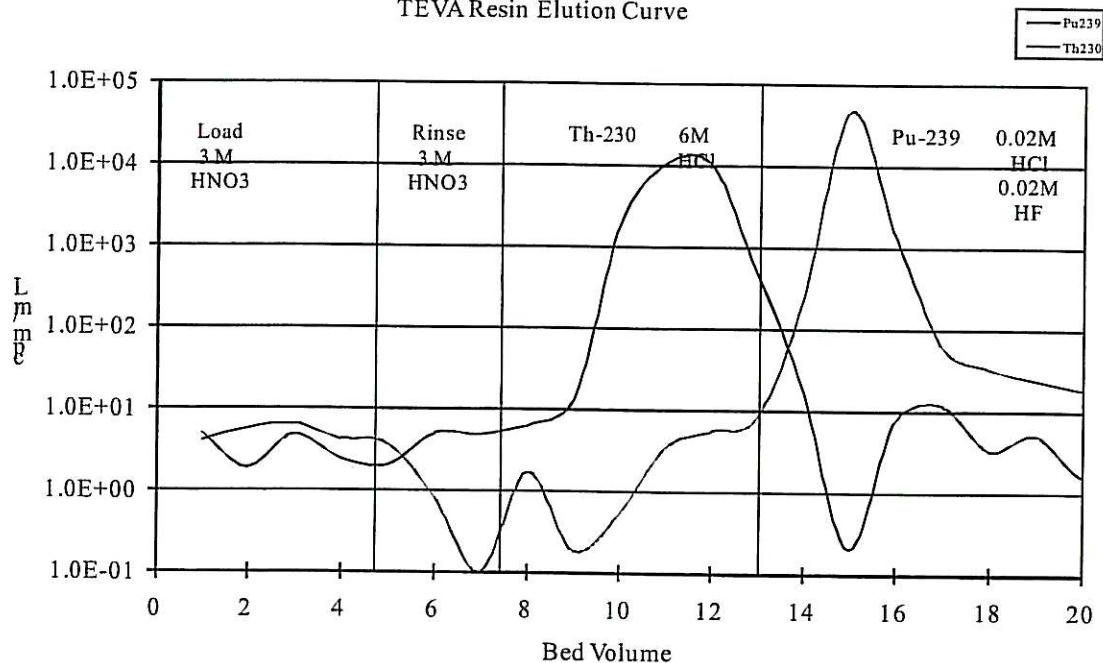
Product: Eichrom's TEVA Resin 1mL cartridges  
Lot #: TESR7K

Eichrom's TEVA Resin 1mL cartridges Lot # TESR7K 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

| Test Value                                           | Specification | Result |
|------------------------------------------------------|---------------|--------|
| Appearance                                           | White beads   | Pass   |
| Distribution Ratio, 3.0 N nitric acid                | >200          | 363    |
| % $^{230}\text{Th}$ stripped in 6M HCl               |               |        |
| Least acceptable mean (5 rep)                        | 93.0          | 99.7   |
| Max. standard deviation                              | 2.5           | 0.5    |
| % $^{230}\text{Th}$ stripped in 0.02M HCl + 0.02M HF |               |        |
| Maximum acceptable mean (5 rep)                      | 2.0           | 0.1    |
| Max. standard deviation                              | 1.5           | 0.1    |
| % $^{239}\text{Pu}$ stripped in 0.02M HCl + 0.02M HF |               |        |
| Least acceptable mean (5 rep)                        | 90.0          | 96.3   |
| Max. standard deviation                              | 2.5           | 2.4    |
| % $^{239}\text{Pu}$ stripped in 6M HCl               |               |        |
| Maximum acceptable mean (5 rep)                      | 1.0           | 0.3    |
| Max. standard deviation                              | 0.5           | 0.3    |

TEVA Resin Elution Curve



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