

## Certificate of Analysis

No. CA06064

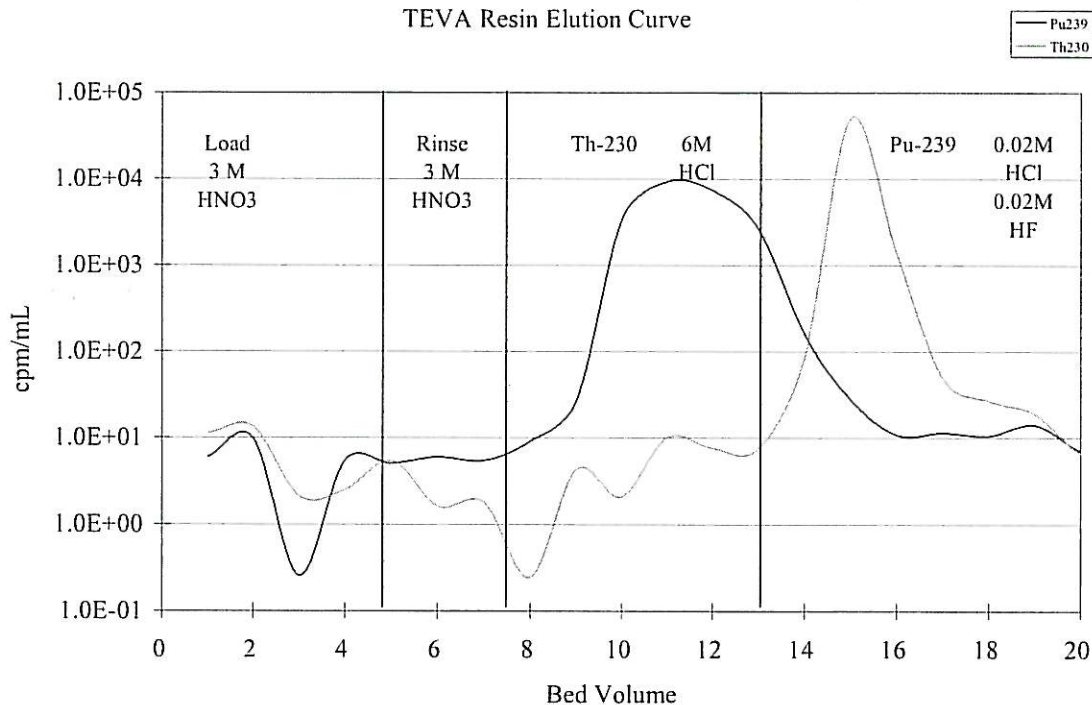
Product: Eichrom's TEVA Resin  
Lot #: TEA05256

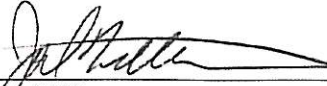
Eichrom's TEVA Resin Lot # TEA05256 has been manufactured according to Eichrom's standard operating procedures. This lot has been tested in accordance with Eichrom's quality assurance policy and procedures. This lot of product meets all Eichrom quality specifications.

## ANALYSIS RESULTS

| Test Value                                           | Specification | Result |
|------------------------------------------------------|---------------|--------|
| Appearance                                           | White beads   | Pass   |
| Distribution Ratio, 3.0 N nitric acid                | >200          | 365    |
| % $^{230}\text{Th}$ stripped in 6M HCl               |               |        |
| Least acceptable mean (5 rep)                        | 93.0          | 99.6   |
| Max. standard deviation                              | 2.5           | 0.2    |
| % $^{230}\text{Th}$ stripped in 0.02M HCl + 0.02M HF |               |        |
| Maximum acceptable mean (5 rep)                      | 2.0           | 0.4    |
| 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          | 98.0   |
| Max. standard deviation                              | 2.5           | 1.1    |
| % $^{239}\text{Pu}$ stripped in 6M HCl               |               |        |
| Maximum acceptable mean (5 rep)                      | 1.0           | 0.1    |
| Max. standard deviation                              | 0.5           | 0.1    |
| Raw support resin flow rate, mL/min                  | 0.60-0.80     | 0.75   |

TEVA Resin Elution Curve



  
Joel Williamson  
Senior Quality Control Chemist

Prepared: June 19, 2006