

Certificate of Analysis

No. CA07174

Product: Eichrom's UTEVA[®] Resin Cartridges

Lot #: UTSR7H

Eichrom's UTEVA[®] Resin cartridge Lot # UTSR7H 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, 3.1 N nitric acid | >100 | 240 |
| % ²³⁰ Th stripped in 5M HCl/0.05M oxalic acid | | |
| Least acceptable mean (4 rep) | 90.0 | 105.3 |
| Max. standard deviation | 10.0 | 8.4 |
| % ²³⁰ Th stripped in 1M HCl | | |
| Maximum acceptable mean (5 rep) | 0.5 | 0.2 |
| Max. standard deviation | 1.0 | 0.1 |
| % ²³³ U stripped in 1M HCl | | |
| Least acceptable mean (5 rep) | 90.0 | 99.9 |
| Max. standard deviation | 10.0 | 0.8 |
| % ²³³ U stripped in 5M HCl/0.05M oxalic acid | | |
| Maximum acceptable mean (5 rep) | 1.0 | 0.1 |
| Max. standard deviation | 1.0 | 0.0 |

Jill Bryant
Quality Control chemist



January 2, 2008