


Certificate of Analysis
No. CA10160

Product: Eichrom's UTEVA[®] Resin
Lot #: UTA081610

Eichrom's UTEVA[®] Resin Lot # UTA081610 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, 3.1 N nitric acid | >100 | 169 |
| % ²³⁰ Th stripped in 5M HCl/0.05M oxalic acid | | |
| Least acceptable mean (4 rep) | 90.0 | 99.2 |
| Max. standard deviation | 10.0 | 4.4 |
| % ²³⁰ Th stripped in 1M HCl | | |
| Maximum acceptable mean (5 rep) | 0.5 | 0.2 |
| Max. standard deviation | 1.0 | 0.0 |
| % ²³³ U stripped in 1M HCl | | |
| Least acceptable mean (5 rep) | 90.0 | 102.3 |
| Max. standard deviation | 10.0 | 4.7 |
| % 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 |
| Raw support resin flow rate, mL/min | 0.60-0.80 | 0.67 |


Joel Williamson
Quality Manager

Prepared: August 19, 2010