

Certificate of Analysis No. CA08248

Product: Eichrom's UTEVA 49 Resin

Lot #: UTA11228

Eichrom's UTEVA<sup>®</sup> Resin Lot # UTA11228 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, 3.1 N nitric acid	>100	148
% <sup>230</sup> Th stripped in 5M HCl/0.05M oxalic acid Least acceptable mean (4 rep) Max. standard deviation	90.0 10.0	94.4 4.0
% <sup>230</sup> Th stripped in 1M HCl Maximum acceptable mean (5 rep) Max. standard deviation	0.5 1.0	0.1 0.0
% <sup>233</sup> U stripped in 1M HCl Least acceptable mean (5 rep) Max. standard deviation	90.0 10.0	99.7 3.6
% <sup>233</sup> U stripped in 5M HCI/0.05M oxalic acid Maximum acceptable mean (5 rep) Max. standard deviation	1.0 1.0	0.0
Raw support resin flow rate, mL/min	0.60-0.80	0.76

Joel Williamson Quality Manager

Prepared: December 10, 2008