

Certificate of Analysis
 No. CA09144

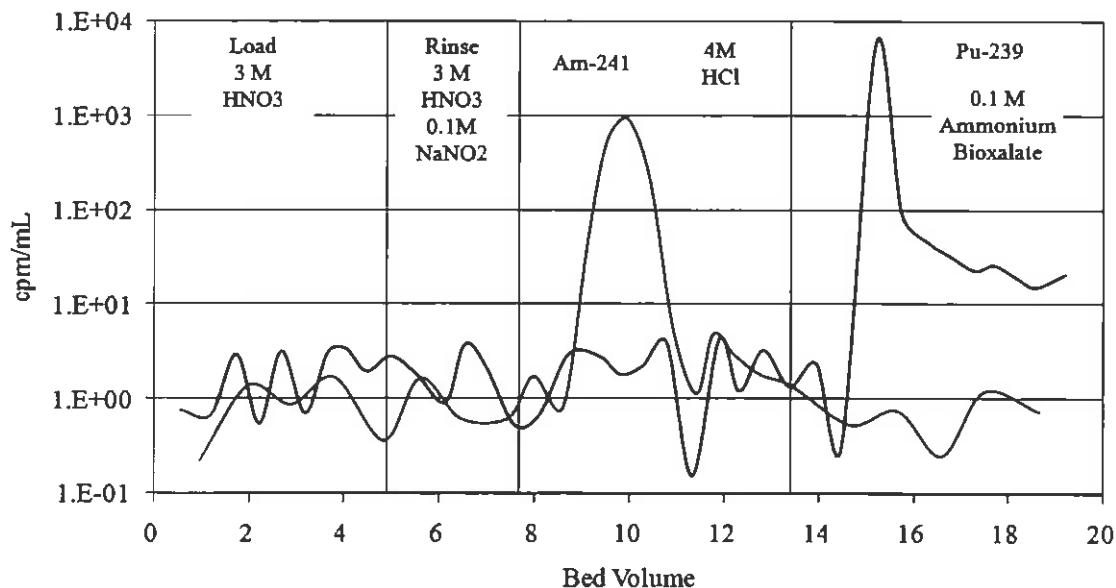
Product: **Eichrom's TRU Resin**
 Lot #: **TRA092909**

Eichrom's TRU Resin Lot # TRA092909 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, Eu in 3.1 N nitric acid	≥ 60	88
% ²⁴¹ Am stripped in 4M HCl		
Least acceptable mean (5 rep)	95.0	100.8
Max. standard deviation	2.5	0.8
% ²⁴¹ Am stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (5 rep)	1.0	-0.2
Max. standard deviation	0.5	0.4
% ²³⁹ Pu stripped in 0.1M ammonium bioxalate		
Least acceptable mean (5 rep)	95.0	97.9
Max. standard deviation	2.5	0.9
% ²³⁹ Pu stripped in 4M HCl		
Maximum acceptable mean (5 rep)	1.0	0.1
Max. standard deviation	0.5	0.2
Extractant distribution ratio, ²⁴¹ Am strip in 0.05M HNO ₃	<0.50	0.24
Raw support resin gravity flow rate, mL/min	0.60-0.80	0.75

TRU Resin Elution Curve



[Signature]
 Joel Williamson
 Quality Manager

Prepared: October 12, 2009