

**Certificate of Analysis**  
No. CA09143

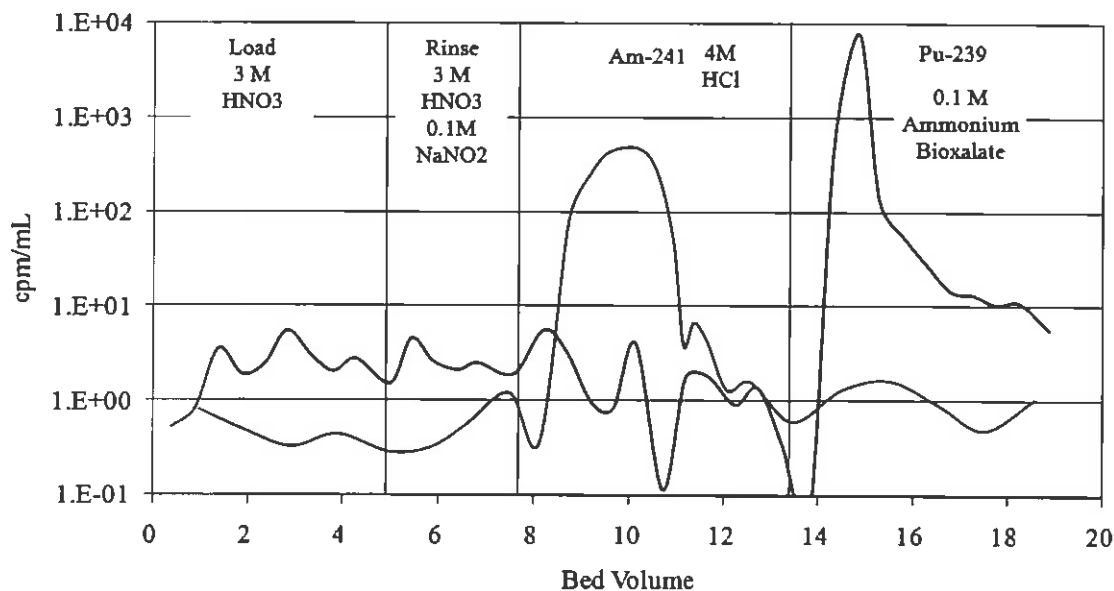
Product: Eichrom's TRU Resin  
Lot #: TRS092309

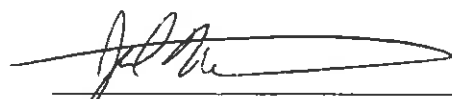
Eichrom's TRU Resin Lot # TRS092309 has been manufactured according to Eichrom's standard operating procedures. This lot has been tested in accordance with Eichrom's quality assurance policy and procedures. This lot of product meets all Eichrom quality specifications.

**ANALYSIS RESULTS**

Test Value	Specification	Result
Appearance	White beads	Pass
Distribution Ratio, Eu in 3.1 N nitric acid	$\geq 60$	95
% $^{241}\text{Am}$ stripped in 4M HCl		
Least acceptable mean (5 rep)	95.0	100.0
Max. standard deviation	2.5	0.8
% $^{241}\text{Am}$ stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (5 rep)	1.0	0.3
Max. standard deviation	0.5	0.4
% $^{239}\text{Pu}$ stripped in 0.1M ammonium bioxalate		
Least acceptable mean (5 rep)	95.0	98.6
Max. standard deviation	2.5	1.0
% $^{239}\text{Pu}$ stripped in 4M HCl		
Maximum acceptable mean (5 rep)	1.0	0.3
Max. standard deviation	0.5	0.2
Extractant distribution ratio, $^{241}\text{Am}$ strip in 0.05M $\text{HNO}_3$	$<0.50$	0.24

TRU Resin Elution Curve



  
Joe Williamson  
Quality Manager

October 12, 2009