

## Certificate of Analysis

No. CA06090

Product: Eichrom's TRU Resin

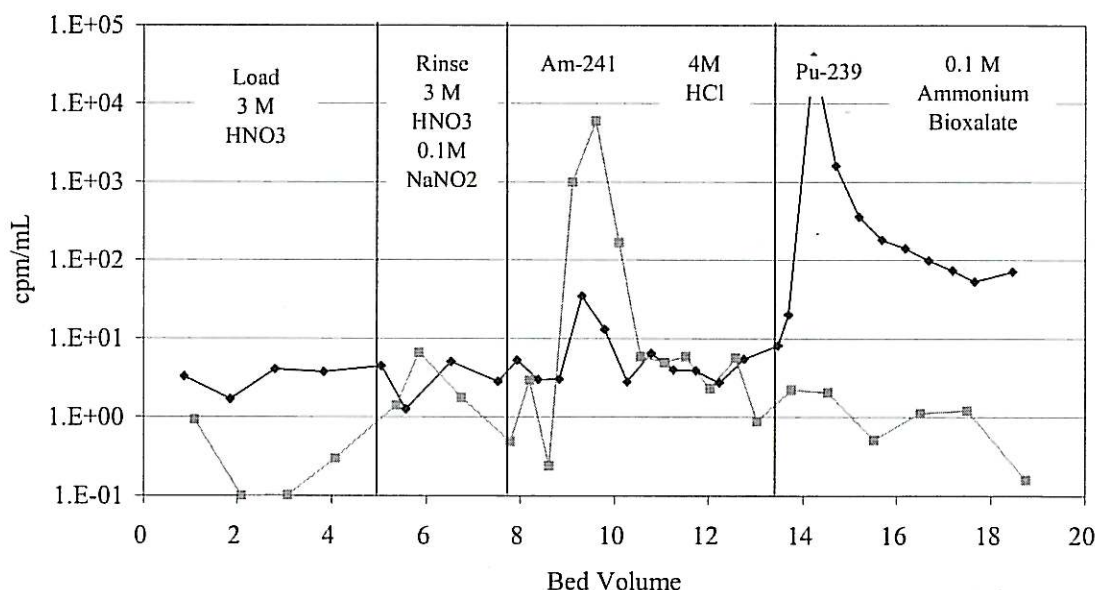
Lot #: TRF08046

Eichrom's TRU Resin Lot # TRF08046 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	$\geq 60$	89
% $^{241}\text{Am}$ stripped in 4M HCl		
Least acceptable mean (5 rep)	95.0	99.4
Max. standard deviation	2.5	0.1
% $^{241}\text{Am}$ stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (5 rep)	1.0	0.3
Max. standard deviation	0.5	0.1
% $^{239}\text{Pu}$ stripped in 0.1M ammonium bioxalate		
Least acceptable mean (5 rep)	95.0	97.5
Max. standard deviation	2.5	0.5
% $^{239}\text{Pu}$ stripped in 4M HCl		
Maximum acceptable mean (5 rep)	1.0	0.2
Max. standard deviation	0.5	0.0
Extractant distribution ratio, $^{241}\text{Am}$ strip in 0.05M $\text{HNO}_3$	$<0.50$	0.31

TRU Resin Elution Curve



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Prepared: August 24, 2006