

**Certificate of Analysis**  
**No. CA12009**

Product: Eichrom's TRU Resin  
Lot #: TRA011212

Eichrom's TRU Resin Lot # TRA011212 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, Eu in 3.1 N nitric acid	$\geq 60$	96.9
% $^{241}\text{Am}$ stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	100.2
Max. standard deviation	2.5	1.0
% $^{241}\text{Am}$ stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.5
Max. standard deviation	0.5	0.4
% $^{239}\text{Pu}$ stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	98.0
Max. standard deviation	2.5	0.2
% $^{239}\text{Pu}$ stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.08
Max. standard deviation	0.5	0.0
Extractant distribution ratio, $^{241}\text{Am}$ strip in 0.05M $\text{HNO}_3$	$<0.50$	0.24

  
Sarah Teichman  
Quality Supervisor

1-19-12

January 19, 2012