

## Certificate of Analysis

No. CA14179

Product: Eichrom's TRU Resin  
Lot #: TRS092514

Eichrom's TRU Resin Lot # TRS092514 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	$\geq 60$	78.6
% $^{241}\text{Am}$ stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	99.9
Max. standard deviation	2.5	0.2
% $^{241}\text{Am}$ stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.1
Max. standard deviation	0.5	0.1
% $^{239}\text{Pu}$ stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	96.7
Max. standard deviation	2.5	0.2
% $^{239}\text{Pu}$ stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.6
Max. standard deviation	0.5	0.1
Extractant distribution ratio, $^{241}\text{Am}$ strip in 0.05M $\text{HNO}_3$	$<0.50$	0.18



Sarah Teichma  
Quality Manager

3 Oct 14

October 3, 2014