



**eichrom**  
TECHNOLOGIES

A GCI COMPANY

### Certificate of Analysis

No. CA14171

Product: Eichrom's TRU Resin cartridges  
Lot #: TRSR14H

Eichrom's TRU Resin cartridge Lot # TRSR14H has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture 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	$\geq 60$	83.2
% $^{241}\text{Am}$ 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

Jill Bryant  
Quality System Coordinator

September 26, 2014