

Certificate of Analysis
 No. CA11048

Product: Eichrom's TRU Resin
 Lot #: TRA022411

Eichrom's TRU Resin Lot # TRA022411 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	≥ 60	94.0
% ^{241}Am stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	99.6
Max. standard deviation	2.5	0.3
% ^{241}Am stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.3
Max. standard deviation	0.5	0.2
% ^{239}Pu stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	97.5
Max. standard deviation	2.5	0.4
% ^{239}Pu stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.25
Max. standard deviation	0.5	0.2
Extractant distribution ratio, ^{241}Am strip in 0.05M HNO_3	<0.50	0.25
Raw support resin gravity flow rate, mL/min	0.60-0.80	0.67


 Sarah Tejchma
 Quality Supervisor

3-4-11
 Prepared: March 4, 2011