

Certificate of Analysis
 No. CA10257

Product: Eichrom's TRU Resin
 Lot #: TRA121310

Eichrom's TRU Resin Lot # TRA121310 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	99
% ²⁴¹ Am stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	98.7
Max. standard deviation	2.5	0.3
% ²⁴¹ Am stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.4
Max. standard deviation	0.5	0.3
% ²³⁹ Pu stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	97.9
Max. standard deviation	2.5	0.2
% ²³⁹ Pu stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.2
Max. standard deviation	0.5	0.1
Extractant distribution ratio, ²⁴¹ Am strip in 0.05M HNO ₃	<0.50	0.27
Raw support resin gravity flow rate, mL/min	0.60-0.80	0.67


 Joel Williamson
 Quality Manager

Prepared: December 17, 2010