

Certificate of Analysis
 No. CA11174

Product: Eichrom's TRU Resin cartridges
 Lot #: TRSR11G

Eichrom's TRU Resin cartridge Lot # TRSR11G 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	≥ 60	89.2
% 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	0.1
% ²³⁹ Pu stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	97.0
Max. standard deviation	2.5	0.6
% ²³⁹ Pu stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.0
Max. standard deviation	0.5	0.0
Extractant distribution ratio, ²⁴¹ Am strip in 0.05M HNO ₃	<0.50	0.24

Jill Bryant
 Quality System Coordinator

August 12, 2011