



**eichrom**  
TECHNOLOGIES

A GCI COMPANY

### Certificate of Analysis

No. CA18003

Product: Eichrom's TRU Resin  
Lot #: TRS011118  
Date of Manufacture: 12-JAN-2018

Eichrom's TRU Resin Lot # TRS011118 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	101.7
% <sup>241</sup> Am stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	99.3
Max. standard deviation	2.5	0.4
% <sup>241</sup> Am stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.3
Max. standard deviation	0.5	0.2
% <sup>239</sup> Pu stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	97.9
Max. standard deviation	2.5	0.0
% <sup>239</sup> Pu stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.4
Max. standard deviation	0.5	0.1
Extractant distribution ratio, <sup>241</sup> Am strip in 0.05M HNO <sub>3</sub> <0.50		0.23

  
Sarah McAlister  
Quality Manager

15 Jan 18  
January 15, 2018

