

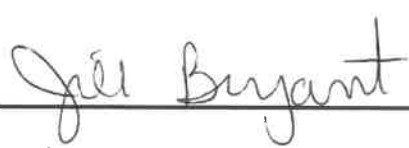
**Certificate of Analysis**  
No. CA18169 rev.1

Product: Eichrom's TRU Resin Cartridges  
 Lot #: TRSR18G  
 Date of Manufacture: 12-Oct-2018

Eichrom's TRU Resin cartridge Lot # TRSR18G has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, TRS082918, 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	85.0
% <sup>241</sup> Am stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	99.4
Max. standard deviation	2.5	0.3
% <sup>241</sup> Am stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.4
Max. standard deviation	0.5	0.1
% <sup>239</sup> Pu stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	98.2
Max. standard deviation	2.5	0.2
% <sup>239</sup> Pu stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.3
Max. standard deviation	0.5	0.1
Extractant distribution ratio, <sup>241</sup> Am strip in 0.05M HNO <sub>3</sub>	<0.50	0.22



Jill Bryant  
Quality System Coordinator

November 7, 2018