

**Certificate of Analysis**

No. CA23263

Product: Eichrom's TRU Resin Cartridges  
Lot #: TRSR23I  
Date of Manufacture: 24-OCT-2023

Eichrom's TRU Resin cartridge Lot TRSR23I has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, TRS101623, 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	$\geq 60$	92.2
% $^{241}\text{Am}$ stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	99.8
Max. standard deviation	2.5	0.5
% $^{241}\text{Am}$ stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.2
Max. standard deviation	0.5	0.2
% $^{239}\text{Pu}$ stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	98.8
Max. standard deviation	2.5	0.5
% $^{239}\text{Pu}$ stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.0
Max. standard deviation	0.5	0.1

Jill Bryant  
Quality System Coordinator

October 25, 2023