

Certificate of Analysis
No. CA23104

Product: Eichrom's TRU Resin Cartridges
Lot #: TRSR23C
Date of Manufacture: 23-MAY2023

Eichrom's TRU Resin cartridge Lot TRSR23C has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, TRS042723, 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	87.9
% ²⁴¹ Am stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	99.5
Max. standard deviation	2.5	0.3
% ²⁴¹ Am stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.2
Max. standard deviation	0.5	0.1
% ²³⁹ Pu stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	97.8
Max. standard deviation	2.5	0.0
% ²³⁹ Pu stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.0
Max. standard deviation	0.5	0.0

Jill Bryant
Quality System Coordinator

May 23, 2023