

Certificate of Analysis
No. CA22197

Product: Eichrom's TRU Resin Cartridges
Lot #: TRSR22G
Date of Manufacture: 29-AUG-2022

Eichrom's TRU Resin cartridge Lot TRSR22G has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, TRS081122, 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	85.6
% ²⁴¹ Am stripped in 4M HCl		
Least acceptable mean (4 rep)	95.0	99.4
Max. standard deviation	2.5	0.2
% ²⁴¹ Am stripped in 0.1M ammonium bioxalate		
Maximum acceptable mean (4 rep)	1.0	0.4
Max. standard deviation	0.5	0.2
% ²³⁹ Pu stripped in 0.1M ammonium bioxalate		
Least acceptable mean (4 rep)	95.0	97.9
Max. standard deviation	2.5	0.4
% ²³⁹ Pu stripped in 4M HCl		
Maximum acceptable mean (4 rep)	1.0	0.03
Max. standard deviation	0.5	0.2
Extractant distribution ratio, ²⁴¹ Am strip in 0.05M HNO ₃	<0.50	0.19

Jill Bryant
Quality System Coordinator

August 29, 2022