

Certificate of Analysis
No. CA22087

Product: Eichrom's TEVA Resin Cartridges
Lot #: TESR22E
Date of Manufacture: 8-APR-2022

Eichrom's TEVA Resin cartridge Lot TESR22E has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, # TES032422, 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, 3.0 N nitric acid	>200	420.1
% ²³⁰ Th stripped in 6M HCl		
Least acceptable mean (4 rep)	93.0	99.4
Max. standard deviation	2.5	0.1
% ²³⁰ Th stripped in 0.02M HCl + 0.02M HF		
Maximum acceptable mean (4 rep)	2.0	0.0
Max. standard deviation	1.5	0.0
% ²³⁹ Pu stripped in 0.02M HCl + 0.02M HF		
Least acceptable mean (4 rep)	90.0	96.8
Max. standard deviation	2.5	1.3
% ²³⁹ Pu stripped in 6M HCl		
Maximum acceptable mean (4 rep)	1.0	0.0
Max. standard deviation	0.5	0.1
Extractant distribution ratio, ²³⁰ Th in 3M HNO ₃	>250	267
Extractant distribution ratio, ²³⁰ Th in 6M HCl	<0.01	0.000

Jill Bryant
Quality System Coordinator

April 8, 2022