

**Certificate of Analysis**  
No. CA17120

Product: Eichrom's TEVA Resin Cartridges  
Date of Manufacture: 21-Jul-17  
Lot #: TESR17F

Eichrom's TEVA Resin cartridge Lot TESR17F has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, TES062817, 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	418.9
% <sup>230</sup> Th stripped in 6M HCl		
Least acceptable mean (4 rep)	93.0	99.0
Max. standard deviation	2.5	0.1
% <sup>230</sup> Th stripped in 0.02M HCl + 0.02M HF		
Maximum acceptable mean (4 rep)	2.0	0.2
Max. standard deviation	1.5	0.0
% <sup>239</sup> Pu stripped in 0.02M HCl + 0.02M HF		
Least acceptable mean (4 rep)	90.0	99.2
Max. standard deviation	2.5	0.1
% <sup>239</sup> Pu stripped in 6M HCl		
Maximum acceptable mean (4 rep)	1.0	0.2
Max. standard deviation	0.5	0.0
Extractant distribution ratio, <sup>230</sup> Th in 3M HNO <sub>3</sub>	>250	267
Extractant distribution ratio, <sup>230</sup> Th in 6M HCl	<0.01	0.000

Jill Bryant  
Quality System Coordinator



July 24, 2017