

**Certificate of Analysis**  
 No. CA10147

Product: Eichrom's TEVA Resin  
 Lot #: TES072310

Eichrom's TEVA Resin Lot # TES072310 has been manufactured according to Eichrom's standard operating procedures. This lot 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	503
% <sup>230</sup> Th stripped in 6M HCl		
Least acceptable mean (4 rep)	93.0	99.9
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	0.1
% <sup>239</sup> Pu stripped in 0.02M HCl + 0.02M HF		
Least acceptable mean (4 rep)	90.0	97.2
Max. standard deviation	2.5	1.0
% <sup>239</sup> Pu stripped in 6M HCl		
Maximum acceptable mean (4 rep)	1.0	0.1
Max. standard deviation	0.5	0.1
Extractant distribution ratio, <sup>230</sup> Th in 3M HNO <sub>3</sub>	>210	262
Extractant distribution ratio, <sup>230</sup> Th in 6M HCl	<0.01	0.009

  
 Joel Williamson

Prepared: July 30, 2010