

**Certificate of Analysis**  
 No. CA10234

Product: Eichrom's TEVA Resin  
 Lot #: TEA110210

Eichrom's TEVA Resin Lot # TEA110210 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	410
% <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	0.0
% <sup>239</sup> Pu stripped in 0.02M HCl + 0.02M HF		
Least acceptable mean (4 rep)	90.0	98.9
Max. standard deviation	2.5	0.3
% <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	302
Extractant distribution ratio, <sup>230</sup> Th in 6M HCl	<0.01	0.002
Raw support resin flow rate, mL/min	0.60-0.80	0.67

Jill Bryant  
 Quality System Coordinator

*Jill Bryant*

November 4, 2010