

Certificate of Analysis
No. CA12147

Product: Eichrom's TEVA Resin
Lot #: TEF072312

Eichrom's TEVA Resin Lot # TEF072312 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	430.6
% ^{230}Th stripped in 6M HCl		
Least acceptable mean (4 rep)	93.0	99.9
Max. standard deviation	2.5	0.1
% ^{230}Th stripped in 0.02M HCl + 0.02M HF		
Maximum acceptable mean (4 rep)	2.0	0.1
Max. standard deviation	1.5	0.1
% ^{239}Pu stripped in 0.02M HCl + 0.02M HF		
Least acceptable mean (4 rep)	90.0	99.4
Max. standard deviation	2.5	0.3
% ^{239}Pu stripped in 6M HCl		
Maximum acceptable mean (4 rep)	1.0	0.1
Max. standard deviation	0.5	0.1
Extractant distribution ratio, ^{230}Th in 3M HNO_3	>250	369
Extractant distribution ratio, ^{230}Th in 6M HCl	<0.01	0.001



Sarah Teichma
Quality Supervisor

8-15-12

August 15, 2012