

Certificate of Analysis

No. CA12016

Product: Eichrom's TEVA Resin
Lot #: TEA012412

Eichrom's TEVA Resin Lot # TEA012412 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	515.7
% ²³⁰ Th stripped in 6M HCl		
Least acceptable mean (4 rep)	93.0	99.6
Max. standard deviation	2.5	0.2
% ²³⁰ 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
% ²³⁹ Pu stripped in 0.02M HCl + 0.02M HF		
Least acceptable mean (4 rep)	90.0	98.2
Max. standard deviation	2.5	0.5
% ²³⁹ Pu stripped in 6M HCl		
Maximum acceptable mean (4 rep)	1.0	0.3
Max. standard deviation	0.5	0.2
Extractant distribution ratio, ²³⁰ Th in 3M HNO ₃	>210	267
Extractant distribution ratio, ²³⁰ Th in 6M HCl	<0.01	0.002
Raw support resin flow rate, mL/min	0.60-0.80	0.70


Sarah Teichma
QC Supervisor

1-27-12
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