



Certificate of Analysis

No. CA14141

Product: Eichrom's TEVA Resin cartridges
Lot #: TESR14G

Eichrom's TEVA Resin cartridge Lot # TESR14G has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture 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	416.9
% ²³⁰ Th stripped in 6M HCl		
Least acceptable mean (4 rep)	93.0	99.2
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	0.0
% ²³⁹ 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
% ²³⁹ Pu stripped in 6M HCl		
Maximum acceptable mean (4 rep)	1.0	0.14
Max. standard deviation	0.5	0.1
Extractant distribution ratio, ²³⁰ Th in 3M HNO ₃	>250	309
Extractant distribution ratio, ²³⁰ Th in 6M HCl	<0.01	0.001

Jill Bryant
Quality System Coordinator

August 26, 2014

Eichrom Technologies LLC
1955 University Lane, Lisle, IL 60532, USA
www.eichrom.com

npo

eichrom