

Certificate of Analysis No. CA15038

Product: Eichrom's TEVA Resin

Lot #: TES030215

Eichrom's TEVA Resin Lot # TES030215 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>	Specification		Result
Appearance	White beads	,	Pass
Distribution Ratio, 3.0 N nitric acid	>200		496.6
% ²³⁰ Th stripped in 6M HCl			
Least acceptable mean (4 rep)	93.0		99.0
Max. standard deviation	2.5		0.1
% ²³⁰ Th stripped in 0.02M HC1 + 0.02M HF			
Maximum acceptable mean (4 rep)	2.0		0.3
Max. standard deviation	1.5		0.0
$\%^{239}$ Pu stripped in 0.02M HCl + 0.02M HF			
Least acceptable mean (4 rep)	90.0		98.8
Max. standard deviation	2.5		0.2
% ²³⁹ Pu stripped in 6M HCl			
Maximum acceptable mean (4 rep)	1.0		0.3
Max. standard deviation	0.5		0.1
Extractant distribution ratio, ²³⁰ Th in 3M HNO ₃	>250		252
Extractant distribution ratio, ²³⁰ Th in 6M HCl	< 0.01		0.001

Sarah Tejchma Quality Manager March 12, 2015

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