



Certificate of Analysis
No. CA13219

Product: Eichrom's UTEVA® Resin
Lot #: UTA120613

Eichrom's UTEVA® Resin Lot # UTA120613 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, 3.1 N nitric acid	>100	154
% ²³⁰ Th stripped in 5M HCl/0.05M oxalic acid		
Least acceptable mean (4 rep)	90.0	108.9
Max. standard deviation	10.0	3.0
% ²³⁰ Th stripped in 1M HCl		
Maximum acceptable mean (5 rep)	0.5	0.1
Max. standard deviation	1.0	0.0
% ²³³ U stripped in 1M HCl		
Least acceptable mean (5 rep)	90.0	100.8
Max. standard deviation	10.0	3.6
% ²³³ U stripped in 5M HCl/0.05M oxalic acid		
Maximum acceptable mean (5 rep)	1.0	0.1
Max. standard deviation	1.0	0.0
Raw support resin flow rate, mL/min	0.60-0.80	0.66


Sarah Teichma
Quality Manager

18 Dec 13
December 18, 2013