



Certificate of Analysis
No. CA14169

Product: Eichrom's UTEVA[®] Resin 5mL columns
Lot #: UT14H

Eichrom's UTEVA[®] Resin 5mL columns Lot # UT14H 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, 3.1 N nitric acid	>100	135
% ²³⁰ Th stripped in 5M HCl/0.05M oxalic acid		
Least acceptable mean (4 rep)	90.0	101.6
Max. standard deviation	10.0	1.2
% 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	105.6
Max. standard deviation	10.0	2.0
% 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

Jill Bryant
Quality System Coordinator

September 25, 2014