

Certificate of Analysis No. CA10114

Product: Eichrom's UTEVA® Resin

Lot #: UTS061010

Eichrom's UTEVA⁶⁰ Resin Lot # UTS061010 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

Appearance White beads Pass Distribution Ratio, 3.1 N nitric acid >100 153 % ²³⁰ Th stripped in 5M HCl/0.05M oxalic acid Least acceptable mean (4 rep) 90.0 96.1
% ²³⁰ Th stripped in 5M HCl/0.05M oxalic acid
Least acceptable mean (4 ren) 90.0 06.1
Least acceptable mean (+ rep) 50.0 50.1
Max. standard deviation 10.0 4.1
% ²³⁰ Th stripped in 1M HCl
Maximum acceptable mean (4 rep) 0.5 0.2
Max. standard deviation 1.0 0.1
% ²³³ U stripped in 1M HCl
Least acceptable mean (4 rep) 90.0 100.9
Max. standard deviation 10.0 9.7
% ²³³ U stripped in 5M HCl/0.05M oxalic acid
Maximum acceptable mean (4 rep) 1.0 0.1
Max. standard deviation 1.0 0.0

Joel Williamson Quality Manager Prepared June 14, 2010