

**Certificate of Analysis**  
No. CA18231

Product: Eichrom's UTEVA® Resin Cartridges  
 Lot #: UTSR18G  
 Date of Manufacture: 21-DEC-2018

Eichrom's UTEVA® Resin cartridge Lot UTSR18G has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, # UTS120318, 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	181.4
% <sup>230</sup> Th stripped in 5M HCl/0.05M oxalic acid		
Least acceptable mean (4 rep)	90.0	94.3
Max. standard deviation	10.0	2.0
% <sup>230</sup> Th stripped in 1M HCl		
Maximum acceptable mean (5 rep)	0.5	0.1
Max. standard deviation	1.0	0.0
% <sup>233</sup> U stripped in 1M HCl		
Least acceptable mean (5 rep)	90.0	97.3
Max. standard deviation	10.0	1.6
% <sup>233</sup> U stripped in 5M HCl/0.05M oxalic acid		
Maximum acceptable mean (5 rep)	1.0	0.2
Max. standard deviation	1.0	0.1

*Jill Bryant*  
 Jill Bryant  
 Quality System Coordinator

December 21, 2018