

**Certificate of Analysis**  
No. CA17193

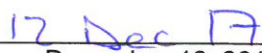
Product: Eichrom's UTEVA® Resin  
Lot #: UTA112917  
Date of Manufacture: 30-NOV-2017

Eichrom's UTEVA® Resin Lot # UTA112917 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                 | 170.8         |
| % <sup>230</sup> Th stripped in 5M HCl/0.05M oxalic acid |                      |               |
| Least acceptable mean (4 rep)                            | 90.0                 | 94.5          |
| Max. standard deviation                                  | 10.0                 | 0.4           |
| % <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                 | 98.4          |
| Max. standard deviation                                  | 10.0                 | 3.5           |
| % <sup>233</sup> 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           |

  
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Sarah McAllister  
Quality Manager

  
December 12, 2017