

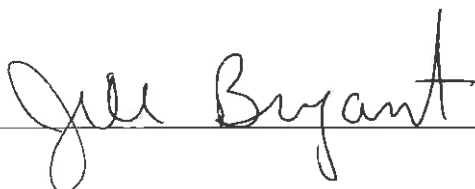
**Certificate of Analysis**  
No. CA10204

Product: Eichrom's TRU Resin cartridges  
Lot #: TRSR10I

Eichrom's TRU Resin cartridge Lot # TRSR10I 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, Eu in 3.1 N nitric acid                                    | $\geq 60$            | 91            |
| % $^{241}\text{Am}$ stripped in 4M HCl                                         |                      |               |
| Least acceptable mean (4 rep)                                                  | 95.0                 | 98.3          |
| Max. standard deviation                                                        | 2.5                  | 0.4           |
| % $^{241}\text{Am}$ stripped in 0.1M ammonium bioxalate                        |                      |               |
| Maximum acceptable mean (4 rep)                                                | 1.0                  | 0.9           |
| Max. standard deviation                                                        | 0.5                  | 0.3           |
| % $^{239}\text{Pu}$ stripped in 0.1M ammonium bioxalate                        |                      |               |
| Least acceptable mean (4 rep)                                                  | 95.0                 | 97.7          |
| Max. standard deviation                                                        | 2.5                  | 0.2           |
| % $^{239}\text{Pu}$ stripped in 4M HCl                                         |                      |               |
| Maximum acceptable mean (4 rep)                                                | 1.0                  | 0.2           |
| Max. standard deviation                                                        | 0.5                  | 0.2           |
| Extractant distribution ratio, $^{241}\text{Am}$ strip in 0.05M $\text{HNO}_3$ | $<0.50$              | 0.27          |



October 1, 2010

Jill Bryant  
Quality System Coordinator