

Certificate of Analysis
No. CA23230

Product: Eichrom's TEVA Resin 1mL Cartridges
Lot #: TESR23H
Date of Manufacture: 25-SEP-2023

Eichrom's TEVA Resin 1mL Cartridge Lot # TESR23H has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, TES072723, 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, 3.0 N nitric acid | >200 | 428.2 |
| % ²³⁰ Th stripped in 6M HCl | | |
| Least acceptable mean (4 rep) | 93.0 | 98.9 |
| Max. standard deviation | 2.5 | 0.1 |
| % ²³⁰ Th stripped in 0.02M HCl + 0.02M HF | | |
| Maximum acceptable mean (4 rep) | 2.0 | 0.1 |
| Max. standard deviation | 1.5 | 0.1 |
| % ²³⁹ Pu stripped in 0.02M HCl + 0.02M HF | | |
| Least acceptable mean (4 rep) | 90.0 | 96.8 |
| Max. standard deviation | 2.5 | 1.5 |
| % ²³⁹ Pu stripped in 6M HCl | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.1 |
| Max. standard deviation | 0.5 | 0.0 |

Jill Bryant
Quality System Coordinator

September 25, 2023