

Certificate of Analysis
No. CA24018

Product: Eichrom's DGA-Normal Resin Cartridges
Lot #: DNSR24B
Date of Manufacture: 30-JAN-2024

Eichrom's DGA-Normal Resin cartridge Lot DNSR24B has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, DNS010924, 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 0.1M nitric acid | ≥900 | 1604 |
| % ²⁴¹ Am stripped in 0.1M HCl | | |
| Least acceptable mean (4 rep) | 97.0 | 99.8 |
| Max. standard deviation | 2.5 | 0.4 |
| % ²⁴¹ Am stripped in 0.1M HNO ₃ | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.0 |
| Max. standard deviation | 0.5 | 0.4 |
| % ²³³ U stripped in 0.1M HNO ₃ | | |
| Least acceptable mean (4 rep) | 97.0 | 98.9 |
| Max. standard deviation | 2.5 | 0.1 |
| % ²³³ U stripped in 0.1M HCl | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.6 |
| Max. standard deviation | 0.5 | 0.1 |

Jill Bryant
Quality System Coordinator

January 31, 2024