

Certificate of Analysis
No. CA22228

Product: Eichrom's DGA-Normal Resin
 Lot #: DNS092922
 Date of Manufacture: 29-SEP-2022

Eichrom's DGA-Normal Resin Lot # DNS092922 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, Eu in 0.1M nitric acid | ≥900 | 1195 |
| % ²⁴¹ Am stripped in 0.1M HCl | | |
| Least acceptable mean (4 rep) | 97.0 | 98.7 |
| Max. standard deviation | 2.5 | 0.4 |
| % ²⁴¹ Am stripped in 0.1M HNO ₃ | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.2 |
| Max. standard deviation | 0.5 | 0.2 |
| % ²³³ U stripped in 0.1M HNO ₃ | | |
| Least acceptable mean (4 rep) | 97.0 | 98.7 |
| Max. standard deviation | 2.5 | 0.2 |
| % ²³³ U stripped in 0.1M HCl | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.7 |
| Max. standard deviation | 0.5 | 0.2 |

Jill Bryant
 Jill Bryant
 Quality System Coordinator

October 5, 2022