

Certificate of Analysis
No. CA22128

Product: Eichrom's DGA-Normal Resin Cartridges
Lot #: DNSR22B
Date of Manufacture: 6-JUN-2022

Eichrom's DGA-Normal Resin cartridge Lot DNSR22B has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, DNS050522, 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 | 1210 |
| % ²⁴¹ Am stripped in 0.1M HCl | | |
| Least acceptable mean (4 rep) | 97.0 | 99.0 |
| Max. standard deviation | 2.5 | 0.1 |
| % ²⁴¹ Am stripped in 0.1M HNO ₃ | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.2 |
| Max. standard deviation | 0.5 | 0.1 |
| % ²³³ U stripped in 0.1M HNO ₃ | | |
| Least acceptable mean (4 rep) | 97.0 | 98.4 |
| Max. standard deviation | 2.5 | 0.1 |
| % ²³³ U stripped in 0.1M HCl | | |
| Maximum acceptable mean (4 rep) | 1.0 | 0.8 |
| Max. standard deviation | 0.5 | 0.1 |


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Quality System Coordinator

June 6, 2022