

Certificate of Analysis
No. CA23041

Product: Eichrom's DGA-Normal Resin Cartridges
Lot #: DNSR23B
Date of Manufacture: 7-MAR-2023

Eichrom's DGA-Normal Resin cartridge Lot DNSR23B has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, DNS010923, 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	1718
% ²⁴¹ Am stripped in 0.1M HCl		
Least acceptable mean (4 rep)	97.0	99.3
Max. standard deviation	2.5	0.2
% ²⁴¹ Am stripped in 0.1M HNO ₃		
Maximum acceptable mean (4 rep)	1.0	0.1
Max. standard deviation	0.5	0.1
% ²³³ U stripped in 0.1M HNO ₃		
Least acceptable mean (4 rep)	97.0	98.7
Max. standard deviation	2.5	0.1
% ²³³ U stripped in 0.1M HCl		
Maximum acceptable mean (4 rep)	1.0	0.7
Max. standard deviation	0.5	0.1

Jill Bryant
Quality System Coordinator

March 8, 2023