

Certificate of Analysis

No. CA24010

Product: Eichrom's DGA-Normal Resin 1mL Cartridges
Lot #: DNSR24C
Date of Manufacture: 19-JAN-2024

Eichrom's DGA-Normal Resin 1mL cartridge Lot DNSR24C has been manufactured according to Eichrom's standard operating procedures. The resin used to manufacture this lot, DNS010824, 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	1556
% ²⁴¹ Am stripped in 0.1M HCl		
Least acceptable mean (4 rep)	97.0	99.0
Max. standard deviation	2.5	0.3
% ²⁴¹ Am stripped in 0.1M HNO ₃		
Maximum acceptable mean (4 rep)	1.0	0.0
Max. standard deviation	0.5	0.1
% ²³³ U stripped in 0.1M HNO ₃		
Least acceptable mean (4 rep)	97.0	98.5
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

January 23, 2024