

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.
 Certificate Number. 951001163

Catalogue Number	016821
Lot Number	N24M007
Description	Amberlite® IRN-77, ion exchange resin, nuclear grade
CAS Number	11128-94-2
Quality Test/Release Date	02/Mar/2026
Suggested retest date	02/Mar/2036
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Appearance (Color)		Pale brown to brown	Pale brown
Exchange capacity	eq/L	>1.80 eq/L (Hydrogen form)	2.03
Form		Spherical beads	Spherical beads
Harmonic mean size	mm	0.600 - 0.700 mm	0.634
Total Metal Impurities		Na, Fe, Ca, Mg, Al: 50 ppm max, each (on a dry basis)- Cu, 10 ppm, max (on a dry basis)- Heavy metals (as Pb), 10 ppm, max (on a dry basis)	Conforms
Moisture holding capacity	%	48.0 - 55.0 (Hydrogen form)	50.8



Derek Roy
 Quality Manager, LCD

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.