Thermo Fisher (Kandel) GmbH
Erlenbachweg 2
Kandel,
76870, Germany

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by ICG. Certificate Number. 110212Q

Catalogue Number	A17956
Lot Number	62600572
Description	Amberlyst® A-21, ion exchange resin
CAS Number	9049-93-8
Quality Test/Release Date	10/Nov/2025
Suggested retest date	10/Nov/2030
Country of Origin	FRANCE
Declaration of Origin	Synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Comment		Ionic form: tertiary amine	Ionic form: tertiary amine
Comment		Uniformity coefficient : ≤ 1.80	1.30
Comment		Weak base anion exchange resin	Weak base anion exchange resin
Exchange capacity	eq/L	≥ 1.3 eq/L (4.6 eq/kg)	1.51
Form		Beads	Beads
Harmonic mean size	mm	0.490-0.690 mm	0.589
Matrix		DVB crosslinked styrene macroreticular resin	DVB crosslinked styrene macroreticular resin
Moisture holding capacity	%	56.0 - 62.0 % (Free Base form)	59.1
Particle Size	%	(0.300-1.180 mm) : ≥97.0%	100.0



Ronald Becht
Technical Support Manager

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.