

## 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	043832
Lot Number	Q14M001
Description	Aluminum oxide, $\gamma$ -phase, catalyst support, high surface area, bimodal
CAS Number	1344-28-1
Quality Test/Release Date	14/Apr/2026
Suggested retest date	14/Apr/2031
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Comment	kg/m <sup>3</sup>	Packing density: 325 to 475 kg/m <sup>3</sup>	437
Comment	cc/g	Total pore volume, (Hg): 0.80 to 1.20 cc/g	1.03
Appearance (Color)		White	White
Form		Pellets	Pellets
Surface Area	m <sup>2</sup> /g	220 to 280 m <sup>2</sup> /g	259



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.