

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by LRQA. Certificate Number. 10551915

Catalogue Number	A17541
Lot Number	10253547
Description	Polyethylene glycol 6,000
CAS Number	25322-68-3
Quality Test/Release Date	31/Dec/2024
Suggested retest date	31/Dec/2029
Country of Origin	France
Declaration of Origin	Synthetic

Result Name	Units	Specifications	Test Value
Comment	g/mol	Average mol weight 5400 - 6600 (based on OH value)	6045
Appearance (Color)		White to cream	White
Form		Powder or flakes	Flakes
Identification (FTIR)		Conforms	Conforms
Melting Point (clear melt)	°C	55-63°C	60.8-62.5
Hydroxyl Value	KOH/g	17-21mg KOH/g	18.56
pH		4.5-7.5 (10%, Water)	5.9
Viscosity	mPas	200-270 mPas (50%, Water @ 20°C)	221



Paul Coleman
Site Quality 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.