

**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	10258090
Description	Polyethylene glycol 6,000
CAS Number	25322-68-3
Quality Test/Release Date	24/Dec/2025
Suggested retest date	24/Dec/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	g/mol	Average mol weight 5400 - 6600 (based on OH value)	5952
Appearance (Color)		White to cream	White
Form		Powder or flakes	Flakes
Identification (FTIR)		Conforms	Conforms
Melting Point (clear melt)	°C	55-63°C	58.7-60.7
Hydroxyl Value	mg KOH/g	17-21mg KOH/g	18.85
pH		4.5-7.5 (10%, Water)	6.2
Viscosity	mPas	200-270 mPas (50%, Water @ 20°C)	228



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.