

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

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Catalogue Number	33415
Lot Number	A0445996
Description	Polysorbate 85
CAS Number	9005-70-3
Quality Test/Release Date	21/Sep/2025
Suggested retest date	21/Sep/2027
Country of Origin	CHINA
Declaration of Origin	plant
BSE/TSE	.

Result Name	Units	Specifications	Test Value
Appearance (Color)		Yellow to amber	Yellow
Appearance (Form)		Viscous liquid	Viscous liquid
Infrared spectrum		Conforms	Conforms
Water	%	≤3	0.05
Acid value	mg KOH/g	≤2	0.2
Hydroxyl value	mg KOH/g	38 to 52	48.7
Saponification value	mg KOH/g	80 to 95	95

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Geert Torfs  
Supervisor, QC

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.