



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

Catalogue Number	19223	
Lot Number	A0471898	

Description Poly(ethylene glycol), average M.W. 400

CAS Number 25322-68-3
Quality Test/Release Date 17/Apr/2025
Suggested retest date 17/Apr/2028
Country of Origin NETHERLANDS
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).

Units	Specifications	Test Value
	Clear colorless to light yellow	Clear colorless
	Liquid	Liquid
APHA	=<20 (25% in water)	10 (25% in water)
	Conforms	Conforms
	1.4650 to 1.4680 (20°C, 589 nm)	1.4669 (20°C, 589 nm)
mg KOH/g	267 to 295	271
%	=<1.0 (K.F.)	0.1 (K.F.)
	4.5 to 7.5 (C=5, Water, 25°C)	5.7 (C=5, Water, 25°C)
	APHA mg KOH/g	Clear colorless to light yellow Liquid APHA =<20 (25% in water) Conforms 1.4650 to 1.4680 (20°C, 589 nm) mg KOH/g 267 to 295 % =<1.0 (K.F.)

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.