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## Product Specification

Product Name:  
Polysorbate 80 - FG

Product Number: **W291706**  
CAS Number: 9005-65-6  
MDL: MFCD00082107



TEST	Specification
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Appearance (Color)	Faint Yellow to Dark Yellow and Faint Orange to Orange
Appearance (Form)	Liquid or Viscous Liquid
Refractive index at 20 ° C	1.470 - 1.475
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 3.0 %
Residue on ignition (Ash)	≤ 0.25 %
Acid Value	≤ 2
mg KOH/g	
Hydroxyl Value	65 - 80
mg KOH/g	
Saponification Value	45 - 55
mg KOH/g	
Residual Solvent	≤ 5 ppm
1,4-Dioxane	
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 2 ppm
Residual Solvent	≤ 0.2 ppm
Ethylene Oxide	
Expiration Date Period	-----
5 Years	

Specification: PRD.7.ZQ5.1000007701

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

