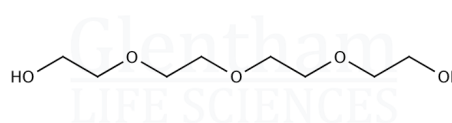


Product Specification

Product Name	Polyethylene glycol 300, BP, Ph. Eur., USP/NF grade
Glentham Code	GC0220
CAS Number	25322-68-3
EINECS	500-038-2
MDL Number	MFCD00081839
Molecular Weight	~300
Molecular Formula	$(-CH_2CH_2O-)n$
Storage Temp.	+20°C



Property	Specification
Physical Description	Clear, viscous, colourless or almost colourless hygroscopic liquid
Identification	To pass tests
Solubility (10% in water)	Clear, colourless solution
Solubility (25% in water)	Clear, colourless solution (\leq BY6)
Acidity	\leq 0.1ml (of 0.1M NaOH required)
Dynamic Viscosity	80 - 105 mPa.s (20 °C)
Kinematic Viscosity	71 - 94 mm ² /s
Dynamic Viscosity	5.4 - 6.4 cSt (98.9 °C)
pH (5% in water)	4.5 - 7.5
Molecular Weight	285 - 315
Hydroxyl Value	340 - 394 mgKOH/g
Reducing Substances	To pass test
Sulphated Ash	\leq 0.1%
Formaldehyde	\leq 15ppm
Ethylene Glycol and Diethylene Glycol	\leq 0.25%
Ethylene Oxide	\leq 1ppm
1,4-Dioxane	\leq 10ppm
Water	\leq 2.0%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP/NF

Specification Version	-	v1.1
Date Created	-	2024-05-23

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024