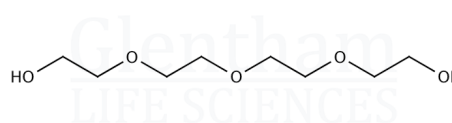


Product Specification

Product Name	Polyethylene glycol 400, BP, Ph. Eur., USP/NF grade
Glentham Code	GC0231
CAS Number	25322-68-3
EINECS	500-038-2
Numéro MDL	MFCD00081839
Molecular Weight	~400
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
Colour (Hazen)	≤ 25 (20°C)
Solubility (25% in water)	Clear, colourless solution (≤ BY6)
Acidity or Alkalinity	≤ 0.1ml (of 0.1M NaOH required)
Dynamic Viscosity	105 - 130 mPa.s (20°C)
Kinematic Viscosity	94 - 116 mm²/s (20°C)
pH (5% in water)	4.5 - 7.5
Molecular Weight	380 - 420
Hydroxyl Value	267 - 294 mgKOH/g
Reducing Substances	To pass test
Sulphated Ash	≤ 0.1%
Formaldehyde	To pass test
Ethylene Glycol and Diethylene Glycol	≤ 0.25%
Ethylene Oxide	≤ 1ppm
1,4-Dioxane	≤ 10ppm
Heavy Metals	≤ 5ppm
Organic Volatile Impurities	To pass test
Water	≤ 2.0%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP/NF

Specification Version	-	v1.0
Date Created	-	2017-10-28

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.

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