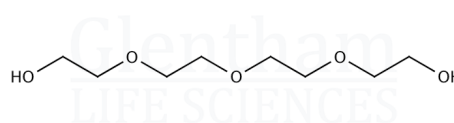


Product Specification

Product Name	Polyethylene glycol 400, BP, Ph. Eur., USP/NF grade
Glentham Code	GC0231
CAS Number	25322-68-3
EINECS	500-038-2
MDL Number	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 mm ² /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	-
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