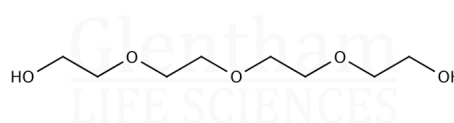


Certificate of Analysis

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
Batch Number	573IRS

Molecular Weight	~300
Molecular Formula	$(-CH_2CH_2O-)_n$
Storage Temp.	+20°C



Property	Specification	Batch 573IRS
Physical Description	Clear, viscous, colourless or almost colourless hygroscopic liquid	Conforms
Identification	To pass tests	Conforms
Colour	≤ 25	
Solubility (25% in water)	Clear, colourless solution (\leq BY6)	Conforms
Acidity or Alkalinity	≤ 0.1 ml (of 0.1M NaOH required)	Conforms
Dynamic Viscosity	80 - 105 mPa.s	93mPa.s
Kinematic Viscosity	71 - 94 mm ² /s	Conforms
pH (5% in water)	4.5 - 7.0	5.6
Molecular Weight	285 - 315	306
Hydroxyl Value	356 - 394 mgKOH/g	367mgKOH/g
Reducing Substances	To pass test	Conforms
Sulphated Ash	$\leq 0.1\%$	Conforms
Formaldehyde	To pass test	Conforms
Ethylene Glycol and Diethylene Glycol	$\leq 0.25\%$	Conforms
Ethylene Oxide	≤ 1 ppm	Conforms
1,4-Dioxane	≤ 10 ppm	Conforms
Heavy Metals	≤ 5 ppm	Conforms
Organic Volatile Impurities	To pass test	Conforms
Water	$\leq 2.0\%$	0.1%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP/NF	Conforms

Specification Version	v1.0
Manufacture Date	2023-03-01
Re-Test Date	2032-05-02

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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