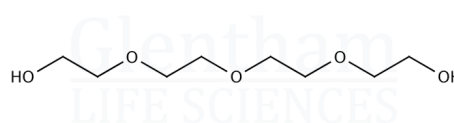


## Certificate of Analysis

Product Name	Polyethylene glycol 300, BP, Ph. Eur., USP/NF grade
Glenthams 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 (≤ BY6)	Conforms
Acidity or Alkalinity	≤ 0.1ml (of 0.1M NaOH required)	Conforms
Dynamic Viscosity	80 - 105 mPa.s	93mPa.s
Kinematic Viscosity	71 - 94 mm <sup>2</sup> /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	≤ 0.1%	Conforms
Formaldehyde	To pass test	Conforms
Ethylene Glycol and Diethylene Glycol	≤ 0.25%	Conforms
Ethylene Oxide	≤ 1ppm	Conforms
1,4-Dioxane	≤ 10ppm	Conforms
Heavy Metals	≤ 5ppm	Conforms
Organic Volatile Impurities	To pass test	Conforms
Water	≤ 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	2023-05-02

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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