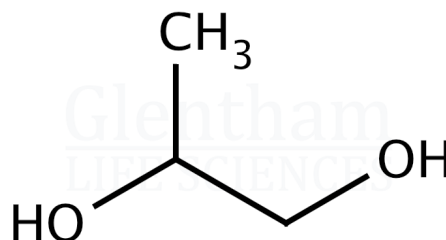


Product Specification

Product Name	Propylene glycol, Ultrapure, 99.5%, BP, Ph. Eur., USP grade
Glentham Code	GK3409
CAS Number	57-55-6
EINECS	200-338-0
MDL Number	MFCD00064272
Molecular Weight	76.10
Molecular Formula	$C_3H_8O_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	Clear, colourless, viscous liquid
Identification	To conform with all BP, Ph. Eur., USP tests
Colour (APHA)	≤ 5
Relative Density (20°C)	1.0350 - 1.0400
Refractive Index (20°C)	1.4310 - 1.4330
Acidity	To pass test
Acidity (as acetic acid)	≤ 0.003%
Reducing Substances	To pass test
Oxidising Substances	To pass test
Heavy Metals	≤ 5ppm
Sulphated Ash	≤ 0.007%
Water	≤ 0.2%
Chloride (Cl)	≤ 70ppm
Sulphate (SO4)	≤ 60ppm
Iron (Fe)	≤ 0.3ppm
Arsenic (As)	≤ 2.0ppm
Lead (Pb)	≤ 1.0ppm
Cadmium (Cd)	≤ 0.5ppm
Mercury (Hg)	≤ 1.0ppm
Purity	≥ 99.5%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP

Specification Version	- v1.2
Date Created	- 2022-07-07

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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