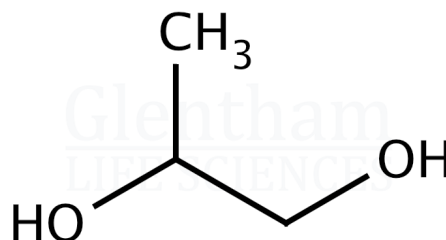


## Product Specification

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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