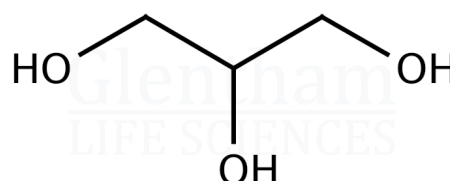


## Product Specification

Product Name	Glycerol
Glentham Code	GC2187
CAS Number	56-81-5
EINECS	200-289-5
MDL Number	MFCD00004722
PubChem SID	310274263
Molecular Weight	92.09
Molecular Formula	$C_3H_8O_3$
Storage Temp.	+20°C



Property	Specification
Physical Description	Clear, colourless liquid
Assay	≥ 99.5%
Identification	To pass BP, EP, USP tests
Appearance of Solution	25% in water: Clear, colourless solution
Acidity and Alkalinity	≤ 0.2ml (0.1M NaOH)
Refractive Index	1.471 - 1.474 (20°C)
Aldehydes	≤ 10ppm
Esters	≥ 8.0ml (0.1M HCl)
Impurities	Impurity A and related substances: To pass BP, EP tests
Halogenated Compounds	≤ 35ppm
Sugars	≤ 10ppm
Chlorides	≤ 10ppm
Water (KF)	≤ 0.5%
Residue on Ignition	≤ 0.01%
Colour (APHA)	≤ 10 Hazen
Butanetriols	≤ 0.2%
3-MCPD	≤ 0.1ppm
Pharmacopoeia Specification(s)	BP, EP, USP

Specification Version	-	v1.1
Date Created	-	2023-01-13

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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