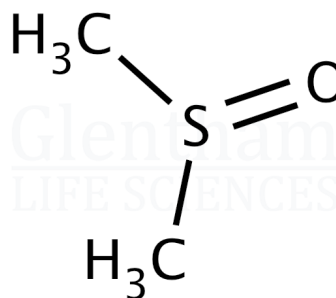


## Product Specification

Product Name	Dimethyl sulfoxide, Ph. Eur., USP grade
Glentham Code	GW3058
CAS Number	67-68-5
EINECS	200-664-3
MDL Number	MFCD00002089
Bellstein Registry Number	506008

Molecular Weight	78.13
Molecular Formula	(CH <sub>3</sub> ) <sub>2</sub> SO
Storage Temp.	+20°C



Property	Specification
Physical Description	Colourless liquid, crystals or solid
Identification	According to USP, Ph. Eur.
Acidity	≤ 5.0ml (0.01M NaOH)
Relative Density	1.100 - 1.104
Specific Gravity (20/20)	1.095 - 1.101
Refractive Index (20°C)	1.478 - 1.480
Refractive Index (25°C)	1.4755 - 1.4775
Freezing Point	≥ 18.3°C
UV Absorbance	≤ 0.2 (275 nm) ≤ 0.2 (285 nm) ≤ 0.2 (295 nm)
Absorbance Ratios	≤ 0.65 (A285/A275) ≤ 0.45 (A295/A275)
Residue on Evaporation	≤ 0.01%
Related Substances	≤ 0.1%
Water (KF)	≤ 0.1%
Purity (GC)	≥ 99.9%
Pharmacopoeia Specification(s)	USP, Ph. Eur.

Specification Version	-	v1.0
Date Created	-	2023-04-19

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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