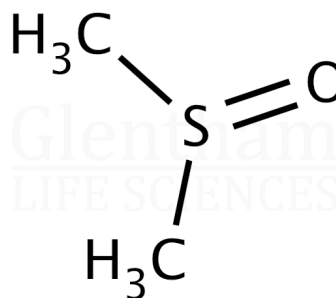


Product Specification

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 ₃) ₂ 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 or contact us using the details above for the current version of this document.

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