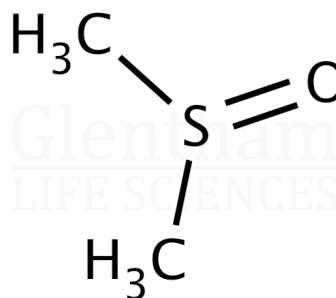


Certificate of Analysis

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
Batch Number	801QUF
Molecular Weight	78.13
Molecular Formula	(CH ₃) ₂ SO
Storage Temp.	+20°C



Property	Specification	Batch 801QUF
Physical Description	Colourless liquid, crystals or solid	Colourless, liquid or solid
Identification	According to USP, Ph. Eur.	Conforms
Acidity	≤ 5.0ml (0.01M NaOH)	0.1 ml
Relative Density	1.100 - 1.104	1.100
Specific Gravity (20/20)	1.095 - 1.101	1.098
Refractive Index (20°C)	1.478 - 1.480	1.479
Refractive Index (25°C)	1.4755 - 1.4775	1.4768
Freezing Point	≥ 18.3°C	18.4°C
UV Absorbance	≤ 0.2 (275 nm)	0.2
	≤ 0.2 (285 nm)	0.1
	≤ 0.2 (295 nm)	≤ 0.1
Absorbance Ratios	≤ 0.65 (A285/A275)	0.59
	≤ 0.45 (A295/A275)	0.34
Residue on Evaporation	≤ 0.01%	Conforms
Related Substances	≤ 0.1%	Not detected%
Water (KF)	≤ 0.1%	Conforms
Purity (GC)	≥ 99.9%	99.9%
Pharmacopoeia Specification(s)	USP, Ph. Eur.	Conforms

Specification Version	v1.0
Manufacture Date	2023-04-28
Re-Test Date	2026-04-26

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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