

Product Datasheet

GW3058 - Dimethyl sulfoxide, Ph.

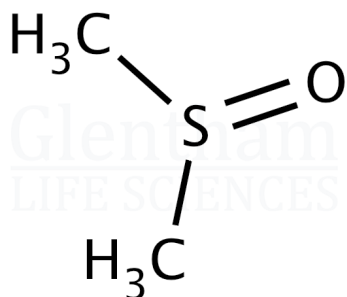
Eur., USP grade

Product Details

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
Related Categories	Raw Materials (IVD), PCR, Reagents for Cell Culture, Reagents for Northern and Southern Blotting

Structure

Molecular Weight	: 78.13
Molecular Formula	: (CH ₃) ₂ SO



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product 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.
Version	: v1.0

About Dimethyl sulfoxide, Ph. Eur., USP grade

DMSO is a widely used solvent essential in many biochemistry, cell biology and molecular biology applications.

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