

Specification



Dimethyl sulfoxide pure Ph. Eur.

A3009

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|----------------------------------|----------------------------------|
| Synonym | DMSO, Methylsulfoxide |
| Density (d 20°C/4°C) | 1.100 - 1.104 |
| n 20°C/D | 1.478 - 1.479 |
| Melting point | 18°C |
| Boiling point | 189°C |
| Formula | C ₂ H ₆ OS |
| M | 78.13 g/mol |
| CAS-No.: | 67-68-5 |
| HS-No.: | 29309099 |
| EC-No.: | 200-664-3 |
| Storage: | RT |
| LGK: | 10 - 13 |
| Disposal: | 1 |
| WGK: | 1 |
| Specification | |
| Absorption (270 - 350 nm) | complies |
| Appearance | clear, colorless |
| Refractive index | 1.478-1.479 |
| Congealing Temperature | min. 18.3°C |
| Identity | complies |
| Relative density | 1.100-1.104 |
| Acidic reacting subst. | complies |
| Related subst. | max. 0.1 % |
| Water (K.F.) | max. 0.2 % |
| A (1 cm/water HPLC grade) | |
| 275 nm | max. 0.30 |
| 285 nm | max. 0.20 |
| 295 nm | max. 0.20 |