

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 00635
Lot Number 000410-150511
Product **Dimethyl sulfoxide**

DMSO

Methyl sulfoxide

CAS Number 67-68-5
Molecular Formula C₂H₆SO
Molecular Weight 78.13

Appearance Clear, colorless liquid
Color (APHA) 5
Solubility Very soluble in water
Boiling point 188-190 °C
Density 1.10
Water Content (Karl Fisher) 0.018%
pKa 31.3
UV Ratios A350-400 nm: < 0.01
A330 nm: < 0.02
A310 nm: < 0.06
A290 nm: < 0.18
A270 nm: < 0.40
Titration Acid < 0.0002 meq/g
Purity by GC 99.99%
Grade ACS reagent
Application Used in determination of organic volatile impurities; solvent.
Storage Store at RT
Additional Information Residue after evaporation: < 0.0002%

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager