Methanol

Product Number M 1770
Store at Room Temperature

Product Description
Molecular Formula: CH₃OH
Molecular Weight: 32.04
CAS Number: 67-56-1
Density: 0.7915 g/ml (20 °C)
Boiling point: 64.7 °C (760 torr)
Synonyms: methyl alcohol, methyl carbinol

This product is as suitable for use as a protein sequencing reagent.

Methanol is a widely used polar organic solvent in chemistry, biochemistry, and molecular biology. It is a common solvent in HPLC and mass spectrometry (MS) of small molecules and of biomolecules such as oligonucleotides and proteins. Methanol is also utilized in high performance capillary electrophoresis. Protocols which utilize methanol have been published on the isolation of hydrophobic and membrane proteins from macrophages, plants, and bile. The use of methanol in studies of sequencing gels has been described.

Industrial applications of methanol include the manufacture of formaldehyde and methyl esters of organic and inorganic acids. Methanol is used as a solvent and solvent adjuvant for polymers, and as a softening agent for pyroxylin plastics.

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions
This product is miscible with water, ethanol, ether, benzene, and most other organic solvents.

References
1. The Merck Index, 12th ed., Entry# 6023.

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