



Technical Data Sheet

Triethanolamine (TEA) 99% · CAS 102-71-6 · C₆H₁₅NO₃

TECHNICAL DATA SHEET (DRAFT) - Triethanolamine 99%

Product Description:

Triethanolamine 99% is a high-purity distilled product consisting of approximately 99% triethanolamine and less than 1% of other ethanolamines and water.

Technical Specifications:

- Assay (TEA): 99.0% Min
- Water Content: 0.2% Max
- Color (APHA): 40 Max
- Specific Gravity (20/20°C): 1.122 - 1.127
- Monoethanolamine: 0.1% Max
- Diethanolamine: 0.5% Max

Physical Properties:

- Boiling Point: 335.4°C
- Freezing Point: 20.5°C
- Viscosity (25°C): 600 mPa.s

Usage Note:

In applications requiring low color and high stability, TEA 99% is preferred over lower grades. It is soluble in water and alcohol, and slightly soluble in ether.

Disclaimer: This TDS is a draft. Specifications are subject to change based on specific batch COAs.



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