



Technical Data Sheet

Acrylic Acid · CAS 79-10-7 · C₃H₄O₂

TECHNICAL DATA SHEET (DRAFT) - Glacial Acrylic Acid (GAA)

Product Overview

Glacial Acrylic Acid is a high-purity industrial monomer characterized by its consistent reactivity and low impurity profile.

Typical Physical Properties

- Appearance: Clear, colorless liquid
- Molecular Weight: 72.06
- Boiling Point: 141°C
- Freezing Point: 13.5°C
- Flash Point: 48°C (Closed Cup)

Technical Specifications

- Assay (as Acrylic Acid): Min 99.5%
- Water Content: Max 0.1%
- Color (APHA): Max 10
- Inhibitor (MEHQ): 200 +/- 20 ppm
- Aldehydes (as Furfural): Max 1 ppm
- Iron (Fe): Max 0.5 ppm

Storage and Shelf Life

Recommended storage temperature: 15°C - 25°C. Shelf life is 6 months when stored according to guidelines and in original packaging.

[DRAFT NOTE: These values are typical and may vary by batch. Contact Moonarc FZCO for the latest COA.]



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We supply industrial chemicals to manufacturers across the globe. Reach out for quotations, technical clarifications, custom packaging or regulatory documentation.

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