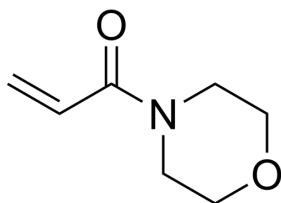


## Certificate of Analysis

**Product Name:** 4-Acryloylmorpholine  
**Cat. No.:** CS-0158052  
**CAS No.:** 5117-12-4  
**Batch No.:** 272247

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>7</sub>H<sub>11</sub>NO<sub>2</sub>  
**Molecular Weight:** 141.17  
**Storage:** 2-8°C, stored under nitrogen  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Colorless to light yellow (Liquid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (GC):** 99.94%  
**Water(KF):** 0.50%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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