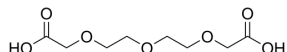


## Certificate of Analysis

**Product Name:** 3,6,9-Trioxaundecanedioic Acid  
**Cat. No.:** CS-0063154  
**CAS No.:** 13887-98-4  
**Batch No.:** 68320  
**Chemical Name:** Acetic acid, 2,2'-[oxybis(2,1-ethanediylloxy)]bis-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>8</sub>H<sub>14</sub>O<sub>7</sub>  
**Molecular Weight:** 222.19  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Off-white to yellow (Solid-Liquid Mixture)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥97.0%  
**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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