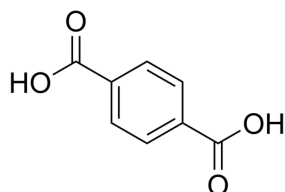


## Certificate of Analysis

**Product Name:** Terephthalic acid  
**Cat. No.:** CS-W010814  
**CAS No.:** 100-21-0  
**Batch No.:** Ld062205895  
**Chemical Name:** 1,4-Benzenedicarboxylic acid

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>8</sub>H<sub>6</sub>O<sub>4</sub>  
**Molecular Weight:** 166.13  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥97.0%  
**Water(KF):** 0.10%  
**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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