

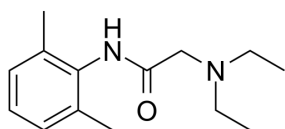
## Certificate of Analysis

**Product Name:** Lidocaine  
**Cat. No.:** HY-B0185  
**CAS No.:** 137-58-6  
**Batch No.:** 14140  
**Chemical Name:** Acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O  
**Molecular Weight:** 234.34  
**Storage:** 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.52%  
**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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