# Certificate of Analysis



## Cytidine

**Cat. No.:** HY-B0158

**CAS No.:** 65-46-3

**Batch No.:** 122157

**Chemical Name:** Cytidine

### PHYSICAL AND CHEMICAL PROPERTIES

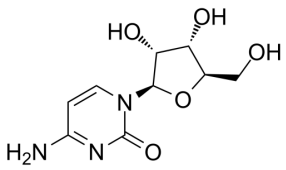
**Molecular Formula:** $C_9H_{13}N_3O_5$

**Molecular Weight:** 243.22

**Storage:**

| | | |
|---|---|---|
| Powder | -20°C | 3 years |
| | 4°C | 2 years |
| In solvent | -80°C | 6 months |
| | -20°C | 1 month |

**Chemical Structure:**




### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)

**$^1$H NMR Spectrum:** Consistent with structure

**Purity (HPLC):** 99.61%

**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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