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# Certificate of Analysis



## Glucosamine

**Cat. No.:** HY-B1125

**CAS No.:** 3416-24-8

**Batch No.:** 58032

**Chemical Name:** D-Glucose, 2-amino-2-deoxy-

### PHYSICAL AND CHEMICAL PROPERTIES

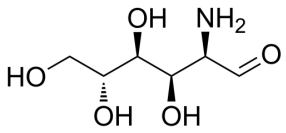
**Molecular Formula:** $C_6H_{13}NO_5$

**Molecular Weight:** **179.17**

**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 (NMR):** **≥98.0%**

**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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