# MCE MedChemExpress

## Certificate of Analysis

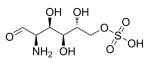
## **Glucosamine 6-sulfate**

| Cat. No.:      | HY-W009439  |
|----------------|---|
| CAS No.:       | 91674-26-9  |
| Batch No.:     | 288155  |
| Chemical Name: | D-Glucose, 2-amino-2-deoxy-, 6-(hydrogen sulfate) |

### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C <sub>6</sub> H <sub>13</sub> NO <sub>8</sub> S                                    |
|--------------------|---|
| Molecular Weight:  | 259.23  |
| Storage:           | 4°C, sealed storage, away from moisture   |
|                    | * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |

**Chemical Structure:** 



#### **ANALYTICAL DATA**

| Appearance:                  | White to off-white (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| MS:                          | 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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