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## Certificate of Analysis

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Product Name: N-Acetyl- $\alpha$ -D-glucosamine 1-phosphate disodium  
Cat. No.: GC64654  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 31281-59-1  
Molecular Formula: C<sub>8</sub>H<sub>14</sub>NNa<sub>2</sub>O<sub>9</sub>P  
Molecular Weight: 345.15  
Storage: -20°C, away from moisture  
Chemical Structure:

### ANALYTICAL DATA

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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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