

Certificate of Analysis

| | |
|---------------------|-----------------------------------|
| Product Name | 4-Nitrophenyl α-D-glucopyranoside |
| Catalog No. | V73779 |
| Batch No. | V7377901 |

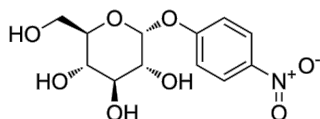
1. Physical and Chemical Properties

| | |
|--------------------------|---|
| Appearance | powder |
| Molecular Formula | C ₁₂ H ₁₅ NO ₈ |
| Molecular Weight | 301.25 |
| Purity | =99.86% |
| CAS No. | 3767-28-0 |
| Production Date | 2024/11/13 |

2. Analytical Data

| Test Item | Specification | Result |
|-----------|---------------------------|----------|
| HPLC | ≥98% | =99.86% |
| NMR | Consistent with structure | Confirms |

3. Structure



4. Storage Condition

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

Products are for research use only • Not for human or veterinary use