



## Specification

### p-Nitrophenyl- $\alpha$ -D-mannopyranoside

**CAS Number:** 10357-27-4  
**Molecular Formula:** C<sub>12</sub>H<sub>15</sub>NO<sub>8</sub>  
**Molecular Weight:** 301.3  
**Storage:** -20°C

Test	Specification
Appearance:	White to Yellowish Crystalline Powder
Purity (TLC):	≥ 98 %
Free 4-Nitrophenol:	≤ 200 ppm
Identification (FTIR):	Concordant
Solution:	Clear and Colorless to Light Yellow Solution (5%DMF)
Specific Rotation:	+151 - +161 °
Water Content (K.F):	2.0 - 4.0 %

Approved:

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