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CERTIFICATE OF ANALYSIS

Product Name p-Nitrophenyl alpha-D-mannopyranoside
Product Code 38081
Batch No W/SAMPLE
CAS Number 10357-27-4
Molecular Formula C₁₂H₁₅NO₈
Molecular Weight 301.3
Product Storage To prevent deterioration, the product should be stored in tightly closed containers in a freezer or cold room at -20 degrees centigrade.

Test	Specification	Result
Appearance	White to off-white powder	Off-white powder
HPLC	>98%	98.5%
Purity	Free p-Nitrophenol <200ppm	Free p-Nitrophenol <200ppm
Water content	<5% by Karl Fischer	0.5%
Solution Test	1% in DMF, clear and colourless to faintly yellow	1% in DMF, clear and colourless to faintly yellow
Expiration date		01 January 2007

Date of Issue 01 January 2001 **Version** 1

Chemist Mrs Ellen Atkinson MChem.

Approval

Document No. 38081/W/SAMPLE