

# **CERTIFICATE OF ANALYSIS**

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#### 1. Identification

Catalogue N503925 CAS Number: N503925

Product: 4-Nitrophenyl 3-O-(a-D-Mannopyranosyl)-

a-D-mannopyranoside

Structure:

Synonym: Man1-a-3Man-a-OPNP

Molecular Formula: C18H25NO13 Molecular weight:

93979-06-7

463.39

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water

(Slightly)

**Lot Number:** 1-MAR-182-1 **Purity:** 98%

**Shipping** This Product Is Stable To Be Shipped At

Condition: Room Temperature

Storage

Condition: -20°C

## 2. Warning

Warning 1: Warning 2: Warning 3:

## 3. Analytical Information

Tests: Specifications: Results:

Appearance White to Off-White Solid Off-White Solid NMR Conforms to Structure Conforms

HPLC Purity Report Result 98.02% (305 nm)

Elemental Analysis Conforms %C: 41.31, %H: 5.56, %N: 2.49

MS Conforms to Structure Conforms

Specific Rotation Report Result  $+115.2^{\circ}$  (c = 0.1, Methanol)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm$  2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

Reviewed ByReviewed ByC of A Approved ByTest DateRetest DateNicole YipToni RantanenChanell Chu10/11/202310/9/2033

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