



CERTIFICATE OF ANALYSIS

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1. Identification

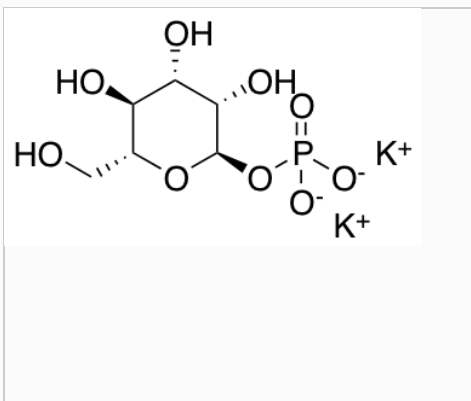
Catalogue Number: M185010

CAS Number: 71888-67-0

Product: α-D-Mannose-1-phosphate Dipotassium Salt

Synonym:

Structure:



Molecular Formula:

C₆H₁₁K₂O₉P

Molecular weight:

336.32

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Methanol (Very Slightly),
Water (Slightly)

Lot Number: 5-TAH-85-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At 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	White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.90% (ELSD)
Elemental Analysis	Conforms	%C: 21.50, %H: 4.09
MS	Conforms to Structure	Conforms
Water Content	Report Result	~3.6% based on Elemental Analysis

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 ± 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 By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Christina Gouliaras	1/4/2022	1/2/2026