

## Certificate of Analysis

Date of Testing: 2023-02-13 15:52:43  
Date of Next Testing: 2027-02-12 15:52:43  
Product Name: **1-Deoxymannojirimycin hydrochloride**  
CAS Number: 73465-43-7  
Specifications & Purity: 98%  
Lot #: F1503015  
SKU #: **D115559**  
**Analysis: 186957**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Hydrogen by Elemental Analysis(Theoretical 7.07%)	6.7-7.2 (%)	6.90 %
Carbon by Elemental Analysis(Theoretical 36.09%)	35.1-36.5 (%)	36.30 %
Nitrogen by Elemental Analysis(Theoretical 7.02%)	6.7-7.2 (%)	7.10 %
Appearance (D115559)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear	pass	Pass



John Su  
QA & QC Manager