

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-11 11:34:59  
Date of Next Testing: 2028-10-10 11:34:59  
Product Name: **1-Deoxy-1-morpholino-D-fructose**  
CAS Number: 6291-16-3  
Specifications & Purity: 98%  
Lot #: L2031201  
SKU #: **D120852**  
Version: **0**  
Analysis #: **417580**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	47.68-48.68 (%)	48.32 %
Nitrogen by Elemental Analysis	5.12-6.12 (%)	5.24 %
Purity(HPLC)	98-100 (%)	99.48200 %
Appearance (D120852)	White to pale yellow powder,crystals,solid	White to pale yellow powder,crystals,solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH , Colorless to Faint Yellow,Clear,19.60-20.40mg/ml	pass	Pass



John Su  
QA & QC Manager