

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 14:36:50
Date of Next Testing: 2029-08-20 14:36:50
Product Name: **1-Deoxy-1-morpholino-D-fructose (DMF)**
CAS Number: 6291-16-3
Specifications & Purity: $\geq 98\%$
Lot #: K2116482
SKU #: **D120852**
Version: **0**
Analysis #: **557942**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	47.68-48.68 (%)	47.99%
Nitrogen by Elemental Analysis	5.12-6.12 (%)	5.52%
Purity(HPLC)	98-100 (%)	99.58400%
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