

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-18 14:47:41  
Date of Next Testing: 2028-01-17 14:47:41  
Product Name: **D(+)-Turanose**  
CAS Number: 547-25-1  
Specifications & Purity: 98%  
Lot #: A2405273  
SKU #: **T111766**  
Version: **2**  
Analysis #: **308695**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.06900 %
Specific Rotation [a] <sub>D</sub> 20/D(c=4 in H <sub>2</sub> O)	74-77 (°)	74.01°
Appearance (T111766)	White powder	White powder
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager