

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-25 17:04:10

Date of Next Testing: 2027-05-24 17:04:10

Product Name: **D-Panose**

CAS Number: 33401-87-5

Specifications & Purity: $\geq 97\%$

Lot #: E2323630

SKU #: **P301896**

Version: **1**

Analysis #: **211496**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.54500 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ H}_2\text{O})$	150-160 (°)	158.96000 °
Appearance (P301896)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless, clear to lightly hazy (50 mg/ml of H ₂ O)	pass	Pass



John Su
QA & QC Manager