

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-17 15:35:55  
 Date of Next Testing: 2026-10-16 15:35:55  
 Product Name: **4-Aminophenyl  $\alpha$ -D-mannopyranoside**  
 CAS Number: 34213-86-0  
 Specifications & Purity: 98%  
 Lot #: J2213054  
 SKU #: **A120849**  
**Analysis: 109742**  
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.84200%
Specific Rotation $[\alpha]_{20/D}$ (9.00 -11.00 mg/ml in MeOH)	123-135 (°)	128.31 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear(50 mg/mL, H <sub>2</sub> O)	pass	Pass
Appearance (A120849)	White to Yellow Powder or crystals	White to yellow powder or crystals



John Su  
QA & QC Manager