

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-29 15:55:07  
Date of Next Testing: 2030-06-28 15:55:07  
Product Name: **Xylitol**  
CAS Number: 87-99-0  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2616475  
SKU #: **X100092**  
Version: **0**  
Analysis #: **714599**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	0.10500 ppm
Chloride (Cl-)	0-50 (ppm)	0.32500 ppm
Purity(HPLC)	98-100 (%)	99.85900 %
Heavy metal (as Pb)	0-10 (ppm)	0.11400 ppm
Sulfate Ash	0-0.5 (%)	0.01200 %
Purity(Titration by HClO <sub>4</sub> )	99-101 (%)	100.18200 %
Reducing sugars	0-0.2 (%)	0.00100 %
Water by Karl Fischer	0-0.5 (%)	0.18340 %
Melting point	91-95 (°C)	94.95000 °C
Appearance (X100092)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in pass H <sub>2</sub> O		Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager