

Certificate of Analysis

Date of Testing: 2025-06-12 18:18:02

Date of Next Testing: 2029-06-11 18:18:02

Product Name: **Xylitol**

CAS Number: 87-99-0

Specifications & Purity: $\geq 98\%$

Lot #: F2503605

SKU #: **X100092**

Version: **0**

Analysis #: **514836**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	0.20 ppm
Water by Karl Fischer	0-0.5 (%)	0.01 %
Melting point	91-95 (°C)	94.88000 °C
Chloride (Cl-)	0-50 (ppm)	0.41 ppm
Purity(HPLC)	98-100 (%)	99.60600 %
Heavy metal (as Pb)	0-10 (ppm)	0.54 ppm
Sulfate Ash	0-0.5 (%)	0.10 %
Purity(Titration by HClO ₄)	99-101 (%)	100.35 %
Reducing sugars	0-0.2 (%)	0.10 %
Appearance (X100092)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in H ₂ O , Colorless, Clear ,50 mg/mL in pass H ₂ O		Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager