

Certificate of Analysis

Date of Testing: 2023-01-13 14:44:52

Date of Next Testing: 2027-01-12 14:44:52

Product Name: **Xylitol**

CAS Number: 87-99-0

Specifications & Purity: 98%

Lot #: A2310418

SKU #: **X100092**

Analysis: **074550**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	0.28 ppm
Water by Karl Fischer	0-0.5 (%)	0.04 %
Melting point	91-95 (°C)	94.81000 °C
Chloride (Cl-)	0-50 (ppm)	48.23 ppm
Purity(HPLC)	98-100 (%)	98.60500 %
Heavy metal (as Pb)	0-10 (ppm)	9.26 ppm
Sulfate Ash	0-0.5 (%)	0.49 %
Purity(Titration by HClO ₄)	99-101 (%)	99.98 %
Reducing sugars	0-0.2 (%)	0.16 %
Appearance (X100092)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, Clear ,50 mg/mL in pass H ₂ O		Pass



John Su
QA & QC Manager