

Certificate of Analysis

Date of Testing: 2023-03-07 12:45:53

Date of Next Testing: 2027-03-06 12:45:53

Product Name: **Xylitol**

CAS Number: 87-99-0

Specifications & Purity: 98%

Lot #: C2303110

SKU #: **X100092**

Analysis: **186275**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	1.20 ppm
Water by Karl Fischer	0-0.5 (%)	0.16 %
Melting point	91-95 (°C)	94.66000 °C
Chloride (Cl-)	0-50 (ppm)	15.00 ppm
Purity(HPLC)	98-100 (%)	99.63500 %
Heavy metal (as Pb)	0-10 (ppm)	3.30 ppm
Sulfate Ash	0-0.5 (%)	0.21 %
Purity(Titration by HClO ₄)	99-101 (%)	99.90 %
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



John Su
QA & QC Manager