

Certificate of Analysis

Date of Testing: 2023-09-02 13:27:45

Date of Next Testing: 2027-09-01 13:27:45

Product Name: **Xylitol**

CAS Number: 87-99-0

Specifications & Purity: 98%

Lot #: H2324378

SKU #: **X100092**

Analysis: **258992**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	0.15 ppm
Water by Karl Fischer	0-0.5 (%)	0.29 %
Chloride (Cl-)	0-50 (ppm)	1.02 ppm
Purity(HPLC)	98-100 (%)	99.68800 %
Heavy metal (as Pb)	0-10 (ppm)	1.24 ppm
Sulfate Ash	0-0.5 (%)	0.30 %
Purity(Titration by HClO ₄)	99-101 (%)	99.87 %
Reducing sugars	0-0.2 (%)	0.12 %
Melting point	91-95 (°C)	94.98000 °C
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