

Certificate of Analysis

Date of Testing: 2024-11-11 14:31:01

Date of Next Testing: 2028-11-10 14:31:01

Product Name: **Xylitol**

CAS Number: 87-99-0

Specifications & Purity: $\geq 98\%$

Lot #: K2404612

SKU #: **X100092**

Version **0**

Analysis #: **422760**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	0.36 ppm
Water by Karl Fischer	0-0.5 (%)	0.10 %
Chloride (Cl-)	0-50 (ppm)	0.25 ppm
Purity(HPLC)	98-100 (%)	99.29000 %
Heavy metal (as Pb)	0-10 (ppm)	0.03 ppm
Sulfate Ash	0-0.5 (%)	0.01 %
Purity(Titration by HClO ₄)	99-101 (%)	100.25 %
Reducing sugars	0-0.2 (%)	0.00 %
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 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".

John Su
QA & QC Manager