

Specification

Technical Data Sheet

CAS

87-99-0

STORAGE

Ambient

MOLECULAR WEIGHT

152.15

PRODUCT

Xylitol USP Spec

Product number	90034442
CAS number	87-99-0
Molecular formula	HOCH ₂ [CH(OH)] ₃ CH ₂ OH
Molecular weight	152.15 g/mol

PARAMETER

SPECIFICATION

Appearance	White to Off-white powder
Assay	98.5 - 101.0%
Heavy metals	≤ 5.0%
Melting Point	92 - 96°C
Total plate count	≤ 100 CFU/g
Water	≤ 0.5%
Other polyol (on dried basis)	≤ 0.1%
Reducing Sugar	≤ 0.2%
Residue on Ignition	≤ 0.1%
Solubility	Easily dissolve in water, slightly soluble in ethanol.
Specification	Conforms to USP
Total Coliforms	< 3 MPN/g
Arsenic (As)	≤ 0.5%
Identification (IR)	Conforms to Reference
Lead (Pb)	≤ 0.5%
Mould & Yeast	≤ 100 CFU/g

PARAMETER	SPECIFICATION
Nickel (Ni)	≤ 1.0%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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