

山东星光首创生物科技有限公司

Shandong Starlight So True Biological Technology Co., Ltd
ECONOMIC & TECHNOLOGY DEVELOPMENT ZONE, LELING CITY, SHANDONG PROVINCE, 253600, CHINA

Certificate of Analysis

Product Name	Xylitol 10-40mesh	Manufacturing Date	Jun. 16, 2025
Lot No.	2025061603	Report date	Jun. 16, 2025
CAS No.	87-99-0	Expiry Date	Jun. 15, 2027
Items	Standard	Result	
Appearance	White or almost white, crystalline powder or crystals	Conforms	
Identification	Infrared absorption	Conforms	
Solubility	Easily dissolve in water, slightly soluble in ethanol	Conforms	
Assay	98.5%-101.0%	99.61%	
Other Polyol (on dry base)	$\leq 1.0\%$	0.10%	
Reducing sugar	$\leq 0.2\%$	0.023%	
Melt point	92 °C - 96 °C	93.5°C	
Water	$\leq 0.5\%$	0.10%	
Residue on ignition	$\leq 0.1\%$	0.022%	
Heavy metals	$\leq 5\text{mg/kg}$	<5 mg/kg	
Arsenic	$\leq 0.5 \text{ mg/kg}$	0.07mg/kg	
Lead	$\leq 0.5 \text{ mg/kg}$	0.07mg/kg	
Nickel	$\leq 1 \text{ mg/kg}$	0.06mg/kg	
Total count	$\leq 100 \text{ CFU/g}$	<10CFU/g	
Coliform	<3MPN/g	<3MPN/g	
Yeast & Mold	$\leq 100 \text{ CFU/g}$	<10CFU/g	

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