

CERTIFICATE OF ANALYSIS

Product Name	Xylitol		
Batch Number	20221026	Manufacture Date	20221026
CAS NO.	87-99-0	MF	C5H12O5
Report Date	20221026	Expiry Date	20241025

Item of Analysis	Specification	Results
Assay	≥98.5%	99.55%
Organoleptic		
Appearance	Powder	Conforms
Color	White crystalline	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Physical Characteristics		
Melting point	92.0°C-96.0°C	96.0°C
Reducing sugars	≤0.2%	<0.2%
Other polyols	≤1.0%	0.45%
Residue on ignition	≤0.1%	0.03%
Loss on drying	≤0.2%	0.09%
Particle size	90% pass through 80 mesh sieve	Conforms
Heavy metals		
Total Heavy Metals	≤5mg/kg	<5mg/kg
Lead (Pb)	≤0.3mg/kg	<0.3mg/kg
Arsenic (As)	≤0.5mg/kg	<0.5mg/kg
Chloride	≤50mg/kg	<50mg/kg
Sulfate	≤50mg/kg	<50mg/kg
Nickel	≤1mg/kg	0.061mg/kg
Microbiological Tests		
Total Plate Count	1000cfu/g Max	5cfu/g
E-coli	Negative	Negative
Organic volatile impurities	Meets the requirements	Conforms
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

