

PRODUCT SPECIFICATION



MoleFrank
Aditivos Alimentarios

XYLITOL 100

DESCRIPTION

Xylitol, CAS: 87-99-0

The product is hydrogenated, refined and crystallized from D- Xylose, and it conforms to GB 13509-2005, JECFA, FCC, EU, etc standards.

Sensory

ITEMS	SPECIFICATIONS	TEST METHOD	ANALYSIS TYPE
Sense	White crystals or crystalline powder, Sweet and no odor.	GB 15203	Each batch

Physical and Chemical Properties

ITEMS	SPECIFICATIONS		TEST METHOD	ANALYSIS TYPE
Xylitol (on dry basis)	w/%	98.5~101.0	GB 13509, FCC, JECFA	Each batch
Other Polyols	w/%	≤1.0	GB 13509, FCC, JECFA	Each batch
Reducing Sugar (as glucose)	w/%	≤0.2	GB 13509, FCC, JECFA	Each batch
Water	w/%	≤0.3	GB 13509, FCC, JECFA	Each batch
Residue on Ignition	w/%	≤0.1	GB 13509, FCC, JECFA	Each batch
Melting point	℃	92.0~96.0	GB 13509, JECFA	Each batch
pH(10%w/v solution)		5.0~7.0	EU	Type Test
Conductivity	μS/cm	≤20.0	EU	Type Test

Health indicators

ITEMS	SPECIFICATIONS		TEST METHOD	ANALYSIS TYPE
Heavy Metals (as Pb)	mg/kg	≤5	GB 5009.74	Each batch
Lead	mg/kg	≤0.5	GB 5009.75, FCC	Each batch
Arsenic	mg/kg	≤0.5	GB 5009.76	Each batch
Nickel	mg/kg	≤1.0	GB/T 5009.138, FCC	Each batch
Aerobic Plate Count	CFU/g	≤100	GB 4789.2	Type Test
Yeasts	CFU/g	≤10	GB 4789.15	Type Test
Moulds	CFU/g	≤10	GB 4789.15	Type Test
Escherichia Coli	MPN/g	<3.0	GB 4789.38	Type Test
Salmonella		Absent in 25g	GB 4789.4	Type Test

Particle Size By Sieving

ITEMS	SPECIFICATIONS		TEST METHOD	ANALYSIS TYPE
Remains on 250 Mic. (No.60 mesh)	%	≤1.0	SOP-QM-228	Each batch
Remains on 150 Mic. (No.100 mesh)	%	≤10.0	SOP-QM-228	Each batch
On pan through 100 Mic. (No.150 mesh)	%	≥70.0	SOP-QM-228	Each batch

Packaging specifications

25kg/Carton.

Stored in sealed containers and be placed at dry and ventilated place, where the Relative Humidity is less than 75%.

The shelf life is 12 months.