

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	21890
Lot Number	000996-122021307
Product	Xylitol 1,2,3,4,5-pentahydroxypentane
CAS Number	87-99-0
Molecular Formula	C ₅ H ₁₂ O ₅
Molecular Weight	152.15

Appearance	White crystalline powder
Solubility	Highly soluble in water (about 1.6 g/ml at 20 °C)
Melting Point	92.9 °C
Bulk density	0.85 - 0.95 g/ml
Heavy Metals	< 5 ppm
Anion	Chloride (Cl) : < 10 mg/kg Sulfate : < 20 mg/kg
Cation	Lead (Pb) : 0.07 ppm Nickel (Ni) : 0.08 ppm Arsenic (As) : 0.06 mg/kg
pH	6.04
Conductivity	4 µS/cm
Yeast and Mold	< 10 cfu/g
Reducing Sugars	0.019%
Loss on Drying	0.12%
Coliform Organisms	< 3 MPN/g
Microbial Count	< 10 cfu/g
Particle Size	< 5% pass thru' 12 mesh < 15% pass thru' 100 mesh
Related Substances	0%
Residue On Ignition	0.025%
Assay	99.58% (dry basis)
Grade	NF/FCC
Storage	Store at 0 - 8 °C
Additional Information	Other polyols : 0%

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager