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## Typical Product Specifications & Properties

# D-Xylose

CAS Number: : 6763-34-4; 58-86-6

Specifications	Limits
Density	1.525 (20 c)
Melting Point	156-158 c
Appearance	White crystals
Assay	98.0 - 101.0% (as C <sub>5</sub> H <sub>10</sub> O <sub>3</sub> )
Iron (Fe)	<= 0.0005%
Sulfate	<= 50 ppm
Moisture	<= 1.0%
Residue on Ignition	<= 0.05%
pH	3.0 - 6.0 (Aqueous Solution)
Heavy Metals	<= 0.001% (as Pb)
Arsenic	<= 0.0002% (As <sub>2</sub> O <sub>3</sub> )
Transmittance	>= 95.0%



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Specifications	Limits
Specific Optical Rotation	+17.0° to +20.0° (1g/25 mL, Water)
Total Aerobic Microbial	<= 1000 cfu/g
Coliform	Absent
Yeast and Mold	<= 100 cfu/g
Molecular weight	150.13
Solubility	water, alcohol
Chemical Structure	



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