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Specification

Technical Data Sheet

Product Name	D-(+)-Xylose
Product No	12518844
CAS Number	58-86-6
Storage Temperature	Ambient
Molecular Weight	150.13
	Specification
Melting Point	154 - 158°C
Water	0.30% max
Heavy metals	0.0005% max
Arsenic	0.00005% max
Solubility	Freely soluble in water, soluble in hot ethanol (95%)
Assay	98.5% min
Sulphated Ash	0.05% max
Sulphate	0.005% max
Appearance of Solution	Clear and colourless
Specific optical rotation	18.5-19.5 °
Chloride	0.005% max
Appearance	White crystalline powder or colourless needles
Identification	IR: Conforms to the xylose CRS spectrum
Acidity (0.1mol/LNaOH), ml	0.2ml max
ph in aqueous solution	5.0-7.0
For research use only, not for human use	For research use only, not for human use