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## D-(+)-Xylose

**GRM111**

### Product Identifier

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CAS No.	:	58-86-6
EC No.	:	200-400-7
Molecular Formula	:	C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>
Molecular Weight	:	150.13
HS Code	:	2940 00 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	Colourless or white to off-white crystals or powder or needles
Solubility	:	33.3 mg soluble in 1 mL of water
Clarity	:	10% w/v solution is clear
FTIR	:	Matches with the standard pattern
Specific rotation [ $\alpha$ 20/D]	:	+18.50° to +19.50° (c = 10% in 0.4% v/v of 5M ammonia at 20°C)
Melting range	:	145 - 158°C
Heavy metals (as Pb)	:	<= 0.002%
Sulphated ash	:	<= 0.1%
Assay (UV/HPLC)	:	99.00 - 102.00%

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	2