

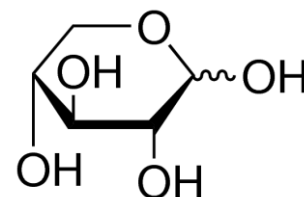


# Product Specification

cdhfinechemical.com

## D (+)-XYLOSE

<b>PRODUCT CODE</b>	<b>030590</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(58-86-6)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>5</sub>H<sub>10</sub>O<sub>5</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>150.13</b>
<b>PROPERTIES</b>	<b>Very sweet taste. Shows mutarotation.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	A white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (GC)	99.0%
Melting Point	About 148°C
Specific rotation(α) <sub>D</sub> <sup>20°</sup> (C=10,water)	+ 19° to + 20°

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	0.5%
Sulphated ash	0.1%
Lead (Pb)	0.001%

**Note(s) : Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements :** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** ---

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code :  
UN No. :  
IATA :

**Hazard Pictogram(s) :**

Revised date 3-Jan.-2018