



# Product Specification

cdhfinechemical.com

## DEXTROSE MONOHYDRATE

<b>PRODUCT CODE</b>	<b>063940</b>	
<b>SYNONYMS</b>	(D+)Glucose monohydrate)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(14431-43-7)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> .H <sub>2</sub> O	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	198.17	
<b>PROPERTIES</b>	White granular powder, odourless and sweet test	

PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification (FTIR)	Conforms
Specific Rotation (α) <sub>D</sub> <sup>20</sup> (on dried material)	+52° to +53°
Loss on drying (at 110°C)	6-10

### MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
Lead (Pb)	0.001%

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

<b>WARNING</b> <b>Hazard statements:</b> Not hazardous. No hazards. <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response:</b>	IMDG Code : UN No. : IATA :
<b>Disposal:</b> : -----	

Hazard pictogram(s) :