



## DEXTROSE MONOHYDRATE

<b>PRODUCT CODE</b>	<b>R01161</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>	$C_6H_{12}O_6 \cdot H_2O$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	198.17
<b>PROPERTIES</b>	White granular powder, odourless and sweet test
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification (FTIR)	Conforms
Minimum assay (GC)	99.0%
Specific Rotation ( $\alpha$ ) <sub>D</sub> <sup>20</sup> (on dried material)	+52° to +53°
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Loss on drying (at 110°C)	6-10%
Sulphated ash	0.1%
Lead (Pb)	0.001%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> Hazard statements: Not hazardous. No hazards. Prcautionary statements Prevention: ..... Response:	IMDG Code :UN No. : IATA : :
Disposal : .....	
Hazard pictogram(s) :	
<p>GHS05      GHS07</p>	

Replace Date 1 April 2023

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