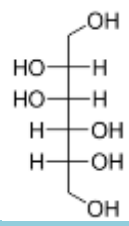


## D-MANNITOL AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP

<b>PRODUCT CODE</b>	<b>569165</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(69-65-8)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>6</sub>H<sub>14</sub>O<sub>6</sub></b>	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>182.17</b>	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A fine white crystalline powder.	
Solubility	10% Solution in water is clear & colourless.	
Identification	Passes test.	
Minimum Assay	99.0%	
Melting Point	165 – 168°C	
Specific Rotation (α) <sub>20°</sub> <sub>D</sub> (C=8 in aq. 10.4% soln. of disod. tetraborate)	Between + 23 to + 25°	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on drying (at 105°C)	0.3%	
Sulphated ash	0.02%	
Insoluble matter	0.01%	
Acidity (CH <sub>3</sub> COOH)	0.005%	
Alkalinity	Passes test.	
Chloride (Cl)	0.005%	
Sulphate (SO <sub>4</sub> )	0.01%	
Arsenic (As)	0.0001%	
Calcium (Ca)	0.001%	
Copper (Cu)	0.0005%	
Iron (Fe)	0.0005%	
Lead (Pb)	0.0005%	
Nickel (Ni)	0.0001%	
Reducing sugars (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	0.05%	
Sorbitol	Passes test.	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		



# Product Specification

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