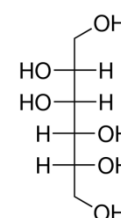


## D-MANNITOL AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP

<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 MOLECULARFORMULA</b>	<b>C<sub>6</sub>H<sub>14</sub>O<sub>6</sub></b>
<b>ATOMIC OR MOLECULARWEIGHT</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>D</sub> <sup>20°</sup> (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> ----- <b>Hazard Pictogram(s) :</b>	