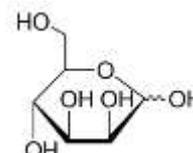


## D-MANNOSE AR

<b>PRODUCT CODE</b>	<b>569205</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>3458-28-4</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>6</sub>H<sub>12</sub>O<sub>6</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>180.16</b>
<b>PROPERTIES</b>	<b>Shows mutarotation.</b>



PARAMETER	LIMIT
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Description	White to off-white crystals or crystalline powder.
Solubility	Soluble in water.
Minimum assay (GC/HPLC)	99.00%
Melting range	133-140°C
Specific rotation (c=4 in H <sub>2</sub> O at 25°C)	+13.50 to +15.0°

### 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 :**-----

**Hazard Pictogram(s) :-----**

IMDG Code :

UN No. :

IATA :

Replace date 14-Mar-2026