

D-FRUCTOSE AR

PRODUCT CODE 531345

SYNONYMS --

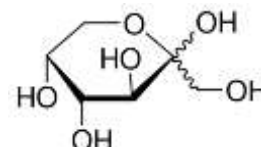
C.I. NO. --

CASR NO. (57-48-7)

ATOMIC OR MOLECULAR FORMULA C₆H₁₂O₆

ATOMIC OR MOLECULAR WEIGHT 180.16

PROPERTIES --



PARAMETER LIMIT

Description	White crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (GC)	99.0%
Melting range	119 - 122°C
Specific Rotation (α) _D ^{20°}	-94 to -90.0°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.005%
Chloride (Cl)	0.01%
Loss on drying (at 80°C)	0.5%
Sulphated ash	0.1%
Sulphate (SO ₄)	0.02%
Arsenic (As)	0.0001%
Cadmium (Cd)	0.0001%
Copper (Cu)	0.0025%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Zinc (Zn)	0.0025%

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 28-May-2026