



Product Specification

cdhfinechemical.com

D-FRUCTOSE

PRODUCT CODE H17735

SYNONYMS

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C.I. NO.

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CASR NO.

(57-48-7)

ATOMIC OR MOLECULAR FORMULA

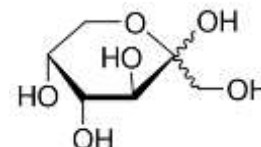
$C_6H_{12}O_6$

ATOMIC OR MOLECULAR WEIGHT

180.16

PROPERTIES

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PARAMETER

LIMIT

Description

White crystalline powder.

Solubility

10% solution in water is clear and colourless.

IR Identification Test

Passes test

Minimum assay (GC)

98.0%

Specific Rotation (α) 20°
D

-93.5 to -91.0°

(C=10 water, Anhydrous substance)

MAXIMUM LIMIT OF IMPURITIES

Water (KF)

0.5%

Residue on ignition

0.1%

Chloride (Cl)

0.018%

Sulphate (SO_4)

0.025%

Limit of hydroxymethylfurfural

Passes test

Colour of solution

Passes test

Foreign sugars

Passes test

Acidity

0.15 ml

Calcium (Ca)

0.005%

Arsenic (As)

0.0001%

Heavy Metals (Pb)

0.00005%

Barium (Ba)

Passes test

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 :