



# Product Specification

cdhfinechemical.com

## D-RAFFINOSE AR PENTAHYDRATE

PRODUCT CODE 632495

SYNONYMS --

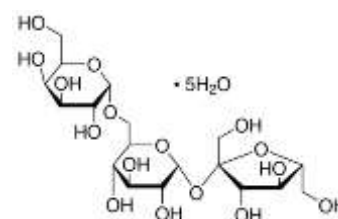
C.I. NO. --

CASR NO. (17629-30-0)

ATOMIC OR MOLECULAR FORMULA  $C_{18}H_{32}O_{16} \cdot 5H_2O$

ATOMIC OR MOLECULAR WEIGHT 594.52

PROPERTIES Soluble in water, very slightly soluble in alcohol, combustible.



### PARAMETER LIMIT

Description White crystals or powder.

Solubility 10% solution in water is clear and colourless.

Minimum assay (HPLC) 98.0%

Melting range 78° - 82°C

Specific rotation  $(\alpha)_D^{20}$   
(C=10%,  $H_2O$ ) + 103° to + 106°

### MAXIMUM LIMIT OF IMPURITIES

Water (By KF) 14.0 – 16.0%

Reducing sugar  
(as glucose) 0.3%

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: ---

IMDG Code :--

UN No. :--

IATA :--

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-----

Revised date 01-Jan-2026