

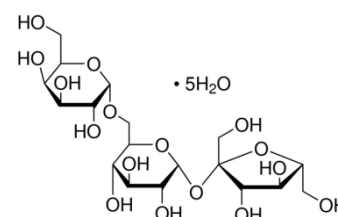


Product Specification

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D-RAFFINOSE AR PENTAHYDRATE

PRODUCT CODE	632495
SYNONYMS	--
C.I. NO.	--
CASR NO.	(17629-30-0)
ATOMIC OR MOLECULAR FORMULA	C₁₈H₃₂O₁₆·5H₂O
ATOMIC OR MOLECULAR WEIGHT	594.52
PROPERTIES	Soluble in water, very slightly soluble in alcohol, combustible.



PARAMETER	LIMIT
Description	White powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (HPLC)	98.0%
Melting range	78°- 82°C
Specific rotation(α) _D ^{20°} (C=10%, H ₂ O)	+ 103°to + 106°

MAXIMUM LIMIT OF IMPURITY

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: ---

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) :-----

IMDG Code :--
UN No. :--
IATA :--

Revised date 3-Jan.-2018