

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

D-RAFFINOSE AR PENTAHYDRATE

PRODUCT CODE	R01948
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: ---	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) :-----	
<p>GHS05 GHS07</p>	

Replace Date 1 April 2023