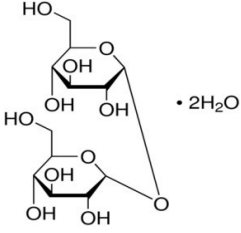



D (+) TREHALOSE

PRODUCT CODE	R08654	
SYNONYMS	α -D-Glucopyranosyl- α -D-glucopyranoside; α , α -Trehalose.	 <p>• 2H₂O</p>
C.I. NO.	--	
CASR NO.	(6138-23-4)	
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₂₂ O ₁₁ ·2·H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	378.33	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	White fine powder.	
Solubility	5% solution in water is clear and colourless.	
Identification (by FTIR)	Conforms.	
Specific rotation $[\alpha]_D^{20}$ (C=2, in water)	179 ± 3°	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 130°C)	9.0 - 10.0%	
Lead (Pb)	0.001%	
Sulphated ash	0.2%	
Note(s) :] Assay (if applicable) method mentioned.		
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---		IMDG Code :UN No. : IATA :
Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.		
Hazard Pictogram(s) :-		
 <p>GHS05 GHS07</p>		

replace Date 1 April 2023

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