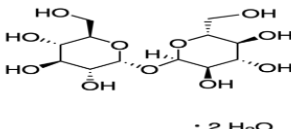


D (+) TREHALOSE

PRODUCT CODE	038063	
SYNONYMS	α-D-Glucopyranosyl-α-D-glucopyranoside; α, α-Trehalose.	
C.I. NO.	--	
CASR NO.	(6138-23-4)	
ATOMIC OR MOLECULAR FORMULA	C₁₂H₂₂O₁₁.2.H₂O	
ATOMIC OR MOLECULAR WEIGHT	378.33	
PROPERTIES	--	· 2 H₂O
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		IMDG Code :
Hazard statements : Not hazardous. No hazards.		UN No. :
Precautionary statements		IATA :
Prevention : -----		
Response : ---		
Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.		
Hazard Pictogram(s) :-		

Replace Date 28.09.2022