



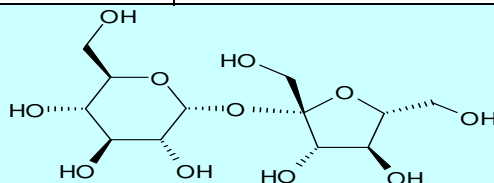
SDFCL
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Quality Control Dept.

Product Specification

E Control	QC2\DATAD\DI\PS\20274XPS.xls
PRODUCT CODE	20274
PRODUCT NAME	SUCROSE AR Meets analytical specification of IP
SYNONYMS	(Saccharose)
C.I. NO.	--
CASR NO.	(57-50-1)
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₂₂ O ₁₁
ATOMIC OR MOLECULAR WEIGHT	342.30
PROPERTIES	Solutions are neutral to litmus. Combustible.



PARAMETER	LIMIT
Description	Colourless crystals /crystalline powder.
Solubility	1M solution in water is clear and colourless.
Identification	Passes tests.
Minimum Assay	99.5%
pH (of 1M soln. in water)	5 – 7
Specific rotation $[\alpha]_D^{20}$ (C=26% in water)	+ 65.5° to + 67.5°
Sulphated ash	Max. 0.01%
Loss on drying (at 100 °C)	Max. 0.1%
Colouring matter	Passes test.
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Acidity or alkalinity	Passes test.
Chloride (Cl)	0.005%
Nitrogen compounds (N)	0.002%
Sulphate (SO ₄)	0.005%
Sulphites	Passes test.
Barium (Ba)	Passes test.
Cadmium (Cd)	0.0005%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Dextrins	Passes test.
Glucose & invert sugar	Passes test.
Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.0005%
Nickel (Ni)	0.0005%
Zinc (Zn)	0.0005%
Reducing sugars (C ₆ H ₁₂ O ₆)	0.01%

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. This chemical can be disposed off as normal industrial waste.

Hazard Pictogram(s) :--

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date :02.04.2010	Issue Date : 01.07.2002 Revision No.: 03 Revision dt. : 02.04.2010 AMEND NO. : 1554
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