



SDFCL
s d fine-chem limited

Quality Control Dept.



Ql

Product Specification

E Control	QC2\DATAD\ID:IPS\32393XPS.xls
PRODUCT CODE	32393
PRODUCT NAME	GLUCOSE REAGENT (for determination of blood glucose)
SYNONYMS	(o-Toluidine method)
C.I. NO.	--
CASR NO.	--
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	Light sensitive. Darken on storage.

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PARAMETER	LIMIT
Description	Clear and colourless liquid darkens on storage.
Solubility	Miscible with water.
Suitability test.	Passes test.
Contents :	
Standard Glucose solution (S) :	1 mg/mL (i.e. 0.1% solution). Prepare fresh.
Procedure for determination of Glucose content :	Mix 5 ml of this Glucose reagent with 0.05 ml of freshly prepared standard solution (S) and a specimen or sample solution (T). Heat for exactly 10 minutes in boiling water bath. Cool and read absorbance at 630 nm against this Reagent as a blank. Calculate Glucose content as follows : $\text{Glucose in mg, \%} = \frac{\text{Abs. of (T)}}{\text{Abs. of (S)}} \times 100$

MAXIMUM LIMIT OF IMPURITIES

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Note(s) : 1] Assay (if applicable) method mentioned.

2] Store below 25°C.

3] CAUTION : DO NOT PIPETTE BY MOUTH.

HAZARD

DANGER

May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction

PRECAUTIONARY STATEMENTS

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

Response: IF ON SKIN: Wash with plenty of soap and water. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

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(s) : --



Aspiration hazard



Skin irritation

Prepared By :	Checked By:	Approved By:	Issue Date :
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 02
Sign. :	Sign. :	Sign. :	Revision dt. :
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