



Product Specification

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PRODUCT CODE		33004	
PRODUCT NAME		BENEDICT'S REAGENT (QUALITATIVE) (For detection of sugar in urine (Improved))	
SYNONYMS		N/A	
C.I. NO.		N/A	
CASR NO.		----	
ATOMIC OR MOLECULAR FORMULA		----	
ATOMIC OR MOLECULAR WEIGHT		----	
PROPERTIES			
PARAMETER		LIMIT	
Description		A clear blue coloured liquid.	
Solubility		Miscible with water.	
Sensitivity test		Passes the test active Glucose : Blue 0.5% " : Green 1.0% " : Yellow 1.5% " : Brownish yellow 2.0% " : Brick red	
For detection of sugar in urine : Place 5 ml of Benedict's qualitative reagent in a test tube. Add 8 drops (0.5 ml) of urine. Boil over a flame for 3 minutes, cool. You may now find that the contents of the tube have become turbid due to a precipitate, which may range from green to brick red in colour, depending on the amount of sugar present in the urine. If no sugar is present, the solution will remain clear or show a faint turbidity. (NOTE : Streptomycin in concentrations above 200 mcg/ml in the urine gives a positive test for Benedict's solution. Consult your doctor if you are treated with Streptomycin). Benedict's test for sugar in urine. This solution is not intended for quantitative testing.			
Note(s) : Assay (if applicable) method mentioned.			
WARNING		IMDG Code :----	
HAZARD STATEMENTS : May be harmful if swallowed		UN No. :----	
PRECAUTIONARY STATEMENTS :		IATA :----	
Prevention : ---			
Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.			
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) : ---			
Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 09/08/2010
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