



PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR SUCROSE IP

Manufacturer Name :		Supplier Name :	
Manufacturer's Batch No. :		Manufacturer's Batch Size :	
Manufacturing Date :		Expiry Date :	
Quantity Received :		Test Quantity :	
Document No. :	Effective Date :	Change Control No. : N/A	
Control No./ A.R. No. :		Retest Date :	

Reference : IP 1996 Page No 721-722

Description : Dry, colourless crystals or almost white crystalline powder; odourless; taste, sweet.

Complies/Does Not Comply

Solubility : Very soluble in water; freely soluble in ethanol(70%); sparingly soluble in ethanol.

Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1.	Identification	IP		An orange precipitate is produced.	
2..	Acidity or alkalinity	IP		solution is colourless and not more than 0.6 ml of 0.01 M sodium hydroxide is required to change the colour of the solution to pink.	
3.	Specific optical rotation	IP		Between + 65.9° and + 67.0°	
4	Barium	IP		Any opalescence is produced is not more intense than that of a mixture of 1 ml of distilled water. and 10 ml of solution A	



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5.	Calcium	IP		The solution A remains clear for atleast 1 minute.	
6.	Heavy Metals	IP		Not More Than 10 ppm	
6	Sulphite	IP		A blue colour develops.	
7	Dextrins	IP		The solution remains yellow or becomes faint bluish green.	
8	Colouring matter	IP		A. No unpleasant odour is detectable. B. Any fluorescence in UV- light (365nm) is not more intense than that of a solution containing 0.4 µg of quinine sulphate in 0.005 M sulphuric acid.	
9.	Glucose and invert sugar	IP		The weight of the cuprous oxide is not more than 112 mg	
10.	Sulphated ash	IP		Not More Than 0.1 %	

Additional Test

11.	Ultramarine and H ₂ S test	IH		No darkening produced on the lead acetate paper after 1 hour.	
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Raw Data Reference :

Analyst Name :

Analyst Name :

Analyst Name :



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Analyst Hard Book No. :

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Results: Sample Conforms / Does Not Conform to Specification

Analyzed By : _____

Date : _____

Checked By : _____

Date : _____

Approved By : _____

Date : _____