



PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR STARCH 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. 710-711

Description : White or almost white crystalline powder ; odourless; free from foreign particles.
Complies/Does Not Comply

Solubility : practically insoluble in water and in Ethanol (95%) (1 in More than 10,000).
Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1	Identification A. Microscopy	IP		A. Polyhedral granules, 2 to 23 µm in size, or rounded granule, 25 to 32 µm in diameter. The central hilum consists of a distinct cavity or two to five rayed cleft; no concentric striations. Viewed between crossed	
2.	Identification (IP) A. Microscopy B. C. Colour reaction			Nicol prisms, a distinct black cross is seen intersecting at the hilum. B. A thin and lousy mucilage is produced. C. A dark blue colour is produced, which disappears on heating and reappears on cooling.	
2.	Acidity	IP		Not more than 2.0 ml of 0.1 M Sodium hydroxide is required to change the colour of the solution.	
3.	Iron	IP		Not more than 40 ppm	
4.	Fluorescence	IP		No Fluorescence Should be visible under screened ultra-	



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S.No.	Test	Reference	Result	Specification	Remark
				violet light.	
5.	Oxidising substances	IP		No distinct brown or blue colour is observed.	
6.	Microbial limits 1. E Coli 2. Salmonellae	IP		1. Absent per g 2. Absent per g	
7.	Sulphated Ash	IP		Not More Than 0.6%	
8.	Loss on drying	IP		Not More Than 15.0 %	

Raw Data Reference :

Analyst Name :

Analyst Name :

Analyst Name :

Analyst Hard Book No. : Page No. :

Analyst Hard Book No. : Page No. :

Analyst Hard Book No. : Page No. :

Results: Sample Conforms / Does Not Conform to Specification

Analyzed By : _____ Date : _____

Checked By : _____ Date : _____

Approved By : _____ Date : _____