



# PHARMA DEVILS

## QUALITY CONTROL DEPARTMENT

### ANALYTICAL SPECIFICATION FOR MICROCRYSTALLINE CELLULOSE IP

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

**Reference** : IP 1996 Page No. 494

**Description** : Fine or granular, white or almost white powder ; odourless;  
free from foreign particles.  
Complies/Does Not Comply

**Solubility** : Insoluble in water ( 1 in more than 10,000) but swells producing a white opaque dispersion or gel ; slightly soluble in dilute Sodium hydroxide solution (1 in 100 - 1000). It is insoluble in dilute acids and most organic solvents ( 1 in more than 10,000)

Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1.	Identification	IP			
	A. Colour Reaction			A. A red colour is produced.	
	B. Colour Reaction			B. A blue-purple colour is produced	



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S.No.	Test	Reference	Result	Specification	Remark
1	Identification  C. Physical Test	IP		C. A white opaque bubble free dispersion is obtained that does not produced a supernatant liquid.	
2	pH	IP		Between 5.0 and 7.5	
3	Starch and Dextrins	IP		No blue or brownish red colour is produced.	
4	Organic Impurities	IP		No red colour is produced.	
5	Water Soluble Substances	IP		Not more than 0.2 %	
6	Arsenic	IP		Not More Than 2 ppm	
7	Heavy Metals	IP		Not More Than 10 ppm	
8	Sulphated Ash	IP		Not More Than 0.2 %	
9	Loss on drying	IP		Not more than 6.0 %	
10	Assay (As cellulose) (on Dried Basis)	IP		Not less than 97.0 % and not more than 102.0 %	

#### Raw Data Reference :

Analyst Name :

Analyst Name :

Analyst Name :

Analyst Hard Book No. :

Page No. :

Analyst Hard Book No. :

Page No. :



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**ANALYTICAL SPECIFICATION FOR MICROCRYSTALLINE CELLULOSE IP**

**Analyst Hard Book No. :**

**Page No. :**

**Results : Sample Conforms / Does Not Conform to Specification**

**Analyzed By :** \_\_\_\_\_

**Date :** \_\_\_\_\_

**Checked By :** \_\_\_\_\_

**Date :** \_\_\_\_\_

**Approved By :** \_\_\_\_\_

**Date :** \_\_\_\_\_