



PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR SODIUM CARBOXYMETHYLCELLULOSE 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.:
Control No./ A.R. No.:		Retest Date:

Reference : IP 1996 Page No 685

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

Solubility : Practically insoluble in *acetone*, in *ethanol*, in *ether* and in *toluene* (1 in More than 10000). It is easily dispersed in water forming a colloidal solution.
Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1	Identification A. Precipitation reaction with CuSO_4 B. Precipitation after boiling C. Reaction of <i>sodium salts</i>	IP		A. A blue, cotton-like precipitate is produced. B. No precipitate is formed. C. Test A A dense white precipitate is formed. Test B A yellow, crystalline precipitate is formed.	



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S.No.	Test	Reference	Result	Specification	Remark
2.	pH	IP		Between 6.0 and 8.0	
3.	Clarity and colour of solution	IP		Solution A is not more opalescent than the <i>opalescence standard OS4</i> and not more intensely coloured than the <i>reference standard YS6.</i>	
4.	Apparent viscosity	IP		Between 75 and 140% of the declared value.	
5.	Arsenic	IP		Not more than 1 ppm	
6.	Heavy Metals	IP		Not more than 20 ppm	
7.	Chloride	IP		Not more than 0.25%	
8.	Sulphated Ash	IP		Between 20.0 and 33.3%.	
9.	Loss on drying	IP		Not more than 10.0%	
10.	Assay as Na (dried substances)	IP		Not less than 6.5 % and not more than 10.8 % .	

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 : _____