



# PHARMA DEVILS

## QUALITY CONTROL DEPARTMENT

### ANALYTICAL SPECIFICATION FOR MAGNESIUM CHLORIDE 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>	
<b>Control No./ A.R. No.:</b>		<b>Retest Date:</b>	

**Reference** : IP 1996 Page No 448

**Description** : Colourless crystals; hygroscopic, free from foreign particles.  
Complies/Does Not Comply

**Solubility** : Very soluble in water and freely soluble in ethanol(95 % ).  
Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1.	Identification A. Test for chlorides  B. Test for magnesium salts	IP		A. <i>Test A</i> The curdy white precipitate insoluble in dilute nitric acid, dissolves in dilute ammonia solution and reappears after addition of dilute nitric acid.  B. <i>Test A</i> The white precipitate dissolves in 2M ammonium chloride and a white, crystalline precipitate is formed on addition of 0.25M disodium hydrogen phosphate.	
2.	Acidity or alkalinity	IP		Not more than 0.3 ml of either 0.01M hydrochloric acid or 0.01M sodium hydroxide is required to change the colour of the solution.	



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S.No.	Test	Reference	Result	Specification	Remark
3.	Clarity and colour	IP		Solution A is clear and colourless.	
4.	Arsenic	IP		Not More Than 2 ppm	
5.	Heavy Metals	IP		Not More Than 20 ppm	
6.	Calcium	IP		Not More Than 0.1 %	
7.	Iron	IP		Not More Than 10 ppm	
8.	Sulphate	IP		Not More Than 100 ppm	
9.	Assay as MgCl <sub>2</sub> , 6H <sub>2</sub> O	IP		Not Less Than 98.0 % and Not More Than 101.0 %	

#### 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 : \_\_\_\_\_