



# PHARMA DEVILS

## QUALITY CONTROL DEPARTMENT

### ANALYTICAL SPECIFICATION FOR FOLIC ACID 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 329

**Description:** Yellow to yellowish orange crystalline powder; odourless or almost odourless, free from foreign particles.  
Complies/Does Not Comply

**Solubility:** Practically insoluble in cold water and in most organic solvents (1 in More Than 10,000), very slightly soluble in boiling water (1 in 1000 - 10000); soluble in dilute acids and in alkaline solution (1 in 10-30)  
Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1	<b>Identification</b>  A. UV	IP		A. The light absorption in the range 230 to 380 nm exhibits three maxima at about 256nm, 283 nm, 365nm; absorbance at about 256 nm is about 0.59, at about 283 nm is about 0.575 and at about 365 nm is about 0.206	



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S.No.	Test	Reference	Result	Specification	Remark
2.	<b>Identification (Continued)</b>  B. TLC	IP		B. The principal spot in the chromatogram obtained with Solution (1) corresponds to that in the chromatogram obtained with solution (2)	
3.	<b>Specific Optical Rotation</b>	IP		About + 20°	
4.	<b>Free amines</b>	IP		The absorbance of unreduced solution as determined in the Assay is not more than one-sixth of the absorbance of the reduced solution.	
5.	<b>Sulphated Ash</b>	IP		Not More Than 0.5 %	
6.	<b>Water</b>	IP		Between 5.0 % and 8.5 %	
7.	<b>Assay as C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub> (On Anhydrous Basis)</b>	IP		Not Less Than 95.0 % 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.:**

**Analyst Hard Book No.:**

**Page No.:**

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

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

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

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

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

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

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