



PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR FERRIC AMMONIUM CITRATE 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. 405-406

Description: Thin transparent, dark red scales or granules or brownish red powder; odourless; deliquescent in moist air and affected by light.
Complies/Does Not Comply

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

S.No.	Test	Reference	Result	Specification	Remark
1	Identification A. Reactions of ferric salts	IP		A. Test A: A blue precipitate, insoluble in dilute Hydrochloric Acid, is produced. Test B: A blood red colour is produced. Which gives pink colour with ether and the red colour is disappear on addition of 0.2M Mercuric chloride.	
2.	Identification (continued) A. Reactions of ferric salts B. Reactions of citrates	IP		Test C: A stable green colour is produced B. Test A : A White precipitate soluble in 6M Acetic Acid is produced. Test B : A violet colour, which turn violet blue, is produced.	



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S.No.	Test	Reference	Result	Specification	Remark
3.	Arsenic	IP		Not More Than 4 ppm	
4.	Lead	IP		Not More Than 30 ppm	
5.	Zinc	IP		Not More Than 50 ppm	
6.	Free ferric compounds	IP		No blue precipitates is produced and on acidification it gives blue precipitates.	
7.	Chloride	IP		Not More Than 0.25 %	
8.	Sulphate	IP		Not More Than 0.3 %	
9.	Assay as Fe	IP		Not Less Than 20.5 % and Not More Than 22.5 %	

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 : _____