



PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR SODIUM BENZOATE 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. 684

Description : white, crystalline or granular powder or flakes; odourless or with a faint odour; free from foreign particles.
Complies/Does Not Comply

Solubility : Freely soluble in Water (1 in 10), sparingly soluble in Ethanol (95%) (1 in 30-100).
Complies/Does Not Comply

SNo.	Test	Reference	Result	Specification	Remark
1.	Identification A. Precipitation reaction B. Reaction of Sodium salts	IP		A. White crystalline precipitate is produced. B) Reaction of Sodium salts Test A (a) A dense white precipitate is formed.	
2.	Identification B. Reaction of Sodium salts Test B C. Reactions of Benzoates Test B Test C	IP		Test B b) White crystalline precipitate is formed C. Reactions of Benzoates Test B A white sublimate is deposited on the inner walls of the tube and no charring occurs. Test C melts at about 122°.	



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SNo.	Test	Reference	Result	Specification	Remark
3.	Acidity or alkalinity	IP		Not more than 0.5 ml of 0.01M Hydrochloric Acid or 0.01M sodium Hydroxide is required to change the colour of solution.	
4.	Clarity and Colour of Solution.	IP		Solution A is clear and colourless.	
5.	Arsenic	IP		Not more than 2 ppm	
6.	Heavy metals	IP		Not more than 20 ppm	
7.	Chlorinated compounds	IP		Not more than 0.075 %	
8.	Loss on drying	IP		Not more than 2.0 %	
9.	Assay as $C_7H_5NaO_2$ (On dried Basis)	IP		Not Less Than 99.0 % and Not More Than 100.5%	

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 : _____