PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR PROPYLPARABEN IP

Manufacturer Name:		**Supplier Name:**
Manufacturer's Batch No.:		**Manufacturer's Batch Size:**
Manufacturing Date:		**Expiry Date:**
Quantity received:		**Sample Quantity:**
Document No.:	**Effective Date.:**	**Change Control No.:** N/A
Control No./A.R.No.:		**Retest Date:**

Reference : IP 1996 (Page No : 637)

Description :White, crystalline powder; odourless; free from foreign particles.
Complies/Does Not Comply

Solubility :Freely Soluble in Ethanol (95%), in acetone, in ether, in methanol 1 in 1-10); very slightly soluble in water (1 in 1000-10000).
Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1	Identification A. Light Absorbance B. Colour Reaction	IP		A Exhibits maxima at about 258 nm and absorbance at 258 nm is 0.44 to 0.47. B. Solution B is yellow to orange-brown. Solution A is orange to red and the colour is clearly more intense than any similar colour that may be obtained with solution B.	

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S.No.	Test	Reference	Result	Specification	Remark
1.	Identification (continued) C. Melting Range	IP		C. Between 96° and 99°C	
2	Clarity and colour of Solution	IP		Solution is clear and not more intensely coloured than *reference solution BYS6.*	
3.	Acidity	IP		Not more than 0.1 ml of *0.1 M sodium hydroxide* is equired to change the colour of the solution.	
4	Chloride	IP		Not more than 500 ppm	
5	Sulphate	IP		No turbidity is produced within 10minutes.	
6	Related Substances	IP		Any secondary spot in the chromatogram obtained with solution (1) is not more intense than with the spot in the chromatogram obtained with solution (2).	
7	Sulphated Ash	IP		Not more than 0.1 %	
8	Loss on drying	IP		Not More Than 0.5 %	
9	Assay as $C_{10}H_{12}O_3$ (on dried basis)	IP		Not less than 99.0 % and not more than 101.0 %	

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Raw Data Reference :

Analyst Name:

Analyst Name:

Analyst Name:

Analyst Note Book No.: Page No.:

Analyst Note Book No.: Page No.:

Analyst Note Book No.: Page No.:

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

Analyzed By : _____ Date : _____

Checked By : _____ Date : _____

Approved By : _____ Date : _____