



PHARMA DEVILS

QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR PROPYLENE GLYCOL 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 636

Description: Clear or colourless, viscous liquid; practically odourless; hygroscopic; free from foreign particles..
Complies/Does Not Comply

Solubility: Miscible with water, with ethanol (95%), with acetone, and with chloroform.
Complies/Does Not Comply

SNo.	Test	Reference	Result	Specification	Remark
1.	Identification A. Colour reaction B. C.	IP		A. A violet colour develops. B. A pleasant odour develops when heated with boric acid. C. No sharp acrid smell of acrolein is perceptible.	
2.	Acidity	IP		Not More Than 0.05 ml of 0.1 M sodium hydroxide is required	
3.	Clarity and colour	IP		The test being examined is Clear and colourless	
4.	Boiling range	IP		Between 184° and 189°	
5.	Relative density	IP		Between 1.035 and 1.040	
6.	Refractive index	IP		Between 1.431 and	



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SNo.	Test	Reference	Result	Specification	Remark
				1.433	
7.	Heavy metals	IP		Not more than 5 ppm	
8.	Oxidising substances	IP		Not more than 0.2 ml of 0.05 M sodium thiosulphate is required.	
9.	Reducing substances	IP		Solution does not change its appearance within 5 minutes.	
10.	Other glycols	IP		Any secondary spot in chromatogram obtained with solution (1) is not more intense than any of the spots in the chromatogram obtained with solution (2).	
11.	Sulphated ash	IP		Not more than 0.01% w/w	
12.	Water	IP		Not more than 0.2% w/w	

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 : _____



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